

# THE JOHNS HOPKINS NEWS-LETTER

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WILL SHEPHERDSON/STAFF PHOTOGRAPHER

Kap Slap DJed for a packed crowd at the Blackout Dance Party on Friday night.



CAROLYN HAN/PHOTOGRAPHY EDITOR

## Spring Fair draws crowds despite rain

By ABIGAIL HARRI  
Staff Writer

Spring Fair dominated campus this weekend with a full schedule of events centered around food, music and activities. The events began with a fireworks show Thursday and closed with children's events on Sunday.

Spring Fair Executive Chair Aaron Norparstak and her co-executive chair Catherine Eagan began planning Spring Fair in the summer of 2010. About 50 other students were involved with the planning and running of the fair.

Norparstak noted that the

events were better planned this year and that they were well-executed despite a few unavoidable problems that arose.

"I think everything went pretty smoothly. The only issue was the weather on Saturday and there was nothing we could really do about that," she said.

The rain Saturday meant closing vendors and other outdoor attractions, but the poor weather was not enough to dampen many students' feelings about the fair as a whole.

Sophomore Pearl Amaechi agreed.

"The rain on Saturday was a downfall, but that's not something that Hopkins can control,

and some of the vendors were even still open," Amaechi said.

Freshman Deanna Cotsalas agreed that the fair was an enjoyable and successful experience, but that it wasn't entirely what she was expecting.

"A lot of upperclassmen gave me huge expectations [about the Fair], and it was awesome, but it didn't [fulfill] all of them. It could have been better based on what people said about previous years. I think a lot of that had to do with the weather though," Cotsalas said.

Cotsalas's favorite parts of the fair were the Chiddy Bang concert, Blackout party and the food vendors, all of which she appreciated.

SEE SPRING FAIR, PAGE A7

## Muslim Assoc. hosts Islamic scholar Tariq Ramadan

By JUSTIN LI  
Staff Writer

Tariq Ramadan, author and professor of Contemporary Islamic Studies at Oxford University, spoke at the Hopkins Muslim Association's (MA) annual Spring Banquet last Friday. Ramadan spoke about the issues of contemporary Islam and ways Muslims may reconcile and reform their religion to better interact with the modern world.

"We are part of a human brotherhood and sisterhood, which is essential. And you will see how much it is essential in the way I think we have to tackle the issue of Islam in the west, Muslims in the west, the challenges and our shared responsibilities when it comes to this," Ramadan said as he began his speech.

The MA holds the Spring Banquet, which consists of a speaker and dinner, annually to fundraise for various causes. This year the proceeds went to Muslimat Al-Nisa, a non-profit organization established to provide culturally sensitive health,

We are part of a human brotherhood and sisterhood, which is essential.

— Tariq Ramadan,  
Author and Professor of Contemporary Islamic Studies at Oxford University

sources. "It's important to come back to the scriptural sources and get a sense of what they are and what they say and also [their] tradition," Ramadan said.

"During a specific period of time, people were trying their best to extract from the text what

SEE TARIQ, PAGE A7

## Power Shift draws eco-friendly JHU students

By VICKY PLESTIS  
Staff Writer

Power Shift 2011, a youth-based conference advocating for a clean energy economy, took place this past weekend in Washington D.C. Drawing in notable speakers such as Al Gore and Environmental Protection Agency (EPA) Administrator Lisa Jackson, more than 10,000 young people attended the event, including 15 students from Hopkins.

Power Shift, which consisted of a series of breakout sessions, workshops, speeches and a final demonstration on Capitol Hill, met with the expressed goals of training youth in community organizing and, on the national level, challenging the government on its energy policy.



COURTESY OF HANNAH LINDSELL

The event hosted numerous speakers.

"I feel like kids — college kids, kids in high school — feel they shouldn't be politically or environmentally involved because they have no power. Power Shift con-

nnects you to so many other people and trains you to start making change. It really helps people feel like they have power and can make a difference," freshman Thalia Patrinos, an intern for the Chesapeake Action Network and a facilitator for three breakout sessions at this past conference, said.

The response for Power Shift 2011 has been overwhelmingly positive at Hopkins. "During the last speech the energy in the audience was seriously amazing. It was awesome to be surrounded by so many young people," Margaret Keener, a Hopkins freshman who attended the event, said.

"This movement of students is growing . . . and on the campus level [the clean energy movement] has been successful," Joanna

SEE POWER SHIFT, PAGE A8

## Hopkins Sustainability celebrates Earth Week with events

By FLORENCE LAU  
Staff Writer

Earth Week at Hopkins kicked off last Monday with a focus on sustainability and awareness of environmental issues surrounding Hopkins and the greater Baltimore community. With two or three events per day, The Office of Sustainability hoped to convey to students the importance of maintaining a sustainable environment at the University.

"There is a comprehensive plan to create a more environmentally responsible institu-



COURTESY OF HANNAH LINDSELL

The Office of Sustainability began presenting Earth Week events this past Monday.

pacts in transportation, housing, electricity use, food."

These goals were reflected in the types of events that occurred thus

far this week, such as Real Food in Baltimore on Tuesday and the Free Electronic Waste Recycling Drive on Wednesday. The Real Food in Baltimore event explored sustainable and organic food options and Free Electronic Waste Recycling Drive gave Hopkins students, staff and faculty an opportunity to recycle used electronic parts.

"This week, all the events have a theme of engagement in action," Calabrese said. "We're trying to inspire people to take action on campus and at home to be more sustainable and conserve resources."

SEE EARTH WEEK, PAGE A8

## INSIDE THIS ISSUE



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Main Phone Number •	410.516.6000
chiefs@jhunewsletter.com	
Business/Advertising •	443.844.7913
business@jhunewsletter.com	
www.jhunewsletter.com	

## NEWS &amp; FEATURES

# Perry Global Advisors CEO speaks about civic engagement at Girl Up event

By ANNA KLEINASSER  
For The News-Letter

CEO of Perry Global Advisors Kim Perry spoke to a room of students about civic engagement Tuesday. She was brought to Hopkins by the campus branch of Girl Up, an organization dedicated to the human rights of girls growing up in developing countries.

Perry grew up in Los Angeles where, as the daughter of two social workers, promoting social justice has always been a major part of her life.

She received her master's degree in education, and wrote her thesis on the relationship between education and health care, reflecting her lifetime passion for children advocacy.

**T**hough Perry is the CEO of a firm specializing in strategizing for charity organizations. Her intellectual fervor and comprehensive knowledge of her interests was evident; she was also fiercely passionate about tangible, concrete action.

"When I was in college . . . there was a lot of protest on campus on issues like Affirmative Action," she said. "[There were] rallies . . . [I saw] what collective bodies could do; the power they had."

Perry had a run-in with the power of big organizations herself when she was forced to join a national movement, "Stand for Children," in order to gain sufficient grass roots support to pass a medical bill which would expand health insurance to the children of the poor. She encouraged members of her community to write letters to the local media.

Eventually, the congressman who had refused to allow the bill to pass relented.



MORGAN YANG/STAFF PHOTOGRAPHER

I bring hundreds of people along with me, thousands of people with me? Because that's how you have power," Perry said.

Consequent projects were spurred into action — she began working on improving the Community & Government Affairs

It is this victory that demonstrates the background of Perry's passion: not an individual relationship with conceptual systems/government or the work of a lobbyist, academic or think tank member.

"It is the owner of the collective that inspires me . . . how do

ceeding again, her crusade led to hundreds of thousands of uninsured children to receive necessary health care. Perry achieved health care reform for children not only beneath the poverty line, but for those just above it, who were being largely ignored on the national stage. Her efforts began to garner national attention, and she was recruited to mobilize support for health policy efforts on Capitol Hill.

Perry also pursued the interests of minorities into the national health care debate, a topic that had often been glossed over by Congress and her own community.

Perry's work began to merge with other developing regions of the world, putting a hold on her interest in domestic policies. She financed a service-learning trip to Sub-Saharan Africa, beginning a nutrition clinic aiming to provide food security to the poor.

She simultaneously solved health issues in the United States and different regions of the world, co-founding D.C. Hunger Solutions, a non-profit anti-hunger advocacy organization.

She founded healthier nutrition in public schools, mandated that school breakfast be accessible/free to all public school students and made nutritious meals accessible to poor students in low-income neighborhoods during the summer.

According to freshman Hillary Matfess, founder and president of Girl Up, Perry's visit was designed to help Hopkins student groups work more effectively.



MORGAN YANG/STAFF PHOTOGRAPHER

Perry noted the importance of bringing people under a worthwhile cause.

at Children's Hospital in Virginia and leading a multi-faceted campaign to eliminate the state's access barriers to Medicaid. Suc-

"We have all these great groups at Hopkins but they need fine-tuning," she said. "Sometimes, they just need to hit refresh and rededicate themselves to their cause."

Perry's speech included advice on how to best set up these philanthropic groups and how to manage them in an effective way.

Matfess founded Girl Up as a freshman at Hopkins after speaking with Perry in the summer. The group has a "fluid" 50 members, according to Matfess, and has raised over \$300 via bake

sales since the group's inception.

"[We] try and get the word out," Matfess said. "Girls around the world are facing issues like access to education and access to health care, and it really doesn't take much to affect the lives of girls in developing countries."

Due to the personal relationship between Perry and Matfess, no fee was charged for the speech.

"[The speech] was enjoyable in that it made me think about things that I don't usually think about," freshman Megan

Lamberti said.

Despite the event being somewhat sparsely attended with approximately 15 to 18 audience members, Matfess remains confident that the event was a success and will be replicated on a larger scale in the future.

"It was first time I brought in a speaker and my group did something that went through the Hopkins bureaucracy," she said. "And it didn't end in a colossal fireball of failure. So I'd deem it a success. I fully intend on doing more stuff like this."



COURTESY OF HARINI BARATH

The Fair, held in Bloomberg, featured many fun-filled events such as a scavenger hunt and a Jeopardy-style competition.

## Annual Physics Fair attracts large crowd

By KATHERINE SIMEON  
Staff Writer

The Department of Physics and Astronomy hosted its eighth annual Physics Fair last Saturday. The department opened the Bloomberg building to the public and hosted a variety of demonstrations, events and contests that sparked curiosity.

"Physics Fair is an outreach event," said Pam Carmen, one of the event organizers. "It was originated to show students in grades K through 12 that physics is fun."

Throughout Bloomberg, both graduate and undergraduate students helped by running demonstrations revolving around a variety of physics concepts for guests. Visitors could participate in a scavenger hunt, observe the sky through the Morris W. Offit Telescope at the Maryland Space Grant Observatory and compete in different contests hosted by local high school teachers.

"It was amazing. I can't say

much else," commented freshman Eric Wan, after watching a demonstration of a scanning electron microscope. "It was amazing. I've never seen a scanning electron microscope."

Some of the biggest competitive events at the Physics Fair included the Physics Bowl and the Physics Challenge. The Physics Bowl is an academic competition where teams answer questions Jeopardy-style. The Physics Challenge is an individual task where students take an exam with Physics questions that resemble the SAT. There are two divisions; one for grade levels one through eight, and then a separate competition for high school students.

Another crowd-pleaser at the Physics Fair was the construction-building contest. This year, contestants were given pasta and gumdrops in a contest to build the highest tower. Deemed one of the most exciting events by Carmen, adults also participated.

"Although the intended au-

dience [of the event] is students from K through 12, throughout the years, we draw a big adult audience," Carmen said.

Additionally, the department also held a "Professor Extraordinaire Show" in the Bloomberg auditorium that covered a variety of physics topics. The show, hosted by physics professor Peter Armitage, was one of the highlights of the event.

"He just wows the audience," Carmen remarked. "He shows physics in a fun way."

Approximately 600 to 700 people were in attendance at this year's Physics Fair. This number was significantly larger than previous years, which Carmen attributes to the rainy weather which pushed many people indoors. "We are really happy about the turnout this year," Carmen said.

Although not officially part of the Spring Fair, the Physics Fair maintained their own booth on the quad to show demonstrations to fair-goers.

## Three Hopkins seniors awarded for their musical achievements and service to the arts

By JUSTIN LI  
Staff Writer

Three Hopkins students were awarded for their achievement in the arts on April 8. Senior Philip Wolf was awarded the Louis Sudler Prize in the Arts and seniors Clare Grechis and Andrew Lelin were awarded the President's Commendation for Achievement in the Arts.

The Sudler Prize was first established at Hopkins and other universities across the United States in 1983 by Chicago businessman Louis Sudler.

"[Sudler] wanted to encourage people who were not planning to be professional artists to still study art as part of their undergraduate education," Winston Tabb, Sheridan Dean of University Libraries and Museums and head of the Sudler Prize selection committee, said.

The prize is open to graduating seniors from the Krieger School, the Whiting School, the School of Nursing, the Peabody Institute and fourth-year students in the School of Medicine. The Selection Committee is composed of faculty from across many departments including Mechanical Engineering, Writing Seminars, Peabody and the Student Affairs Office.

Tabb describes being on the Committee as both incredibly challenging and incredibly enjoyable.

"You're trying sometimes to measure a poet against a pianist against a composer against an artist," Tabb said. "There's so many talented students here . . . It's never been easy."

"It's not like work; it's really a great pleasure for us to be able to hear, see and look at whatever [candidates] send to us."

During his time on the Committee, Tabb has had the pleasure of seeing the work of many incredible candidates. One candi-

date from last year, a student of the medical school, was an accomplished poet. The winner in 2009, also a student of the medical school, was an accomplished composer and one of his pieces was performed by the Hopkins Symphony Orchestra.

Wolf is a double major in economics and mathematics and also an accomplished cellist. Wolf began playing the cello at age six when he attended the Longy School of Music in Boston. He began playing in the Boston Youth Symphony in seventh grade and continued onward into high school.

After his senior year in high school, Wolf participated in a musical exchange program with Kenya. He and several other students stayed in a rural village of Kenya for two weeks to give music lessons.

"It was incredible. The cultural differences alone were just kind of mind boggling," Wolf said.

"These kids have no idea what classical music is or really anything about American culture. It's kind of cool to teach them what we know. But then they really taught us a lot about their culture and their instruments and drumming and traditions over there."

Their experience was made into a documentary entitled *The Music Lesson*. At Hopkins, Wolf plays with the Hopkins Symphony Orchestra. He takes lessons and plays chamber music

at Peabody.

Excluding last summer, Wolf spent the three previous summers at Tanglewood, the summer home of the Boston Symphony. He was able to attend rehearsals and concerts and meet many prominent musicians including Yo Yo Ma, James Levine and Emanuel Ax.

During his sophomore year at Hopkins, Wolf participated in a music tutoring program where he taught cello to a fourth grade girl at Margaret Brent Elementary School, down the road from

the Homewood Campus.

"I had never really taught before so it was kind of a challenge.

It's hard to relay how to play an instrument," Wolf said. "It was certainly a good experience."

Last year, Wolf won the Homewood Arts Certificate, an award given to rising seniors who are pursuing a final project in the arts.

Wolf used the funds from the award to pay for a pianist for a final recital as part of the Hopkins Art Festival.

"It went really well," Wolf said. "I got a pretty great crowd. I think I had 60 to 70 people."

For Wolf, music is a deep part

of his life.

"It's such a powerful way of expressing emotions. Music is a unique method of doing that and I don't think you can accomplish that any other way," Wolf said. "The collegiate atmosphere of chamber music is also really enjoyable. Chamber music is one of my favorite activities."

After graduation, Wolf plans to work in D.C. as an anti-trust consultant of Charles River Associates.

Musically, Wolf plans to set up a chamber ensemble and

join an amateur orchestra there.

The Presi-

dent's Com-

mandation

for Achieve-

ment in the

Arts was es-

tablished in

1989 by for-

mer President

Steve Muller.

The award is a

service award

meant to rec-

ognize those

that contrib-

ute service to

the arts.

"It's not

so much

about artistic

achievement as

much as service

to the arts," Tabb said. "It's what

did you actually do for the arts.

"In the past eligibility was

limited to gradu-

ating seniors at

Homewood as well as

Nursing," Tabb said.

Although this year the Com-

mittee did not receive any candi-

dates from Peabody or Nurs-

ing, Tabb attributed this to it being

the prize's first year.

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mittee did not receive any candi-

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ing, Tabb attributed this to it being

the prize's first year.

"It was the first time people

were used to even thinking about it," Tabb said. "Next year we will

make a special effort so that stu-

dents at Peabody and Nursing know about it."

Similarly to the Sudler Prize, the Committee has seen some interesting candidates. A previous winner was a cartoon editor of *The News-Letter*.

"Her award was given for the way she had organized other cartoonists and really oversaw the cartoon page of *The News-Letter*," Tabb said.

Grechis is a public health major, working on a five-year master's program.

"I tried to combine my two passions at Hopkins which have been singing and community service," Grechis said.

As president of both a capella group the Vocal Chords and Hopkins Red Cross, Grechis has been able to create events that combine the two organizations like the Medicine through Music event in which music and other performing arts groups from the Hopkins campus perform a benefit concert to raise money for a charity of their choosing. Grechis also worked to bring the different a capella groups closer together.

"There's always been this sort of mini rivalry between the a capella groups. But this year we really tried to reach out and bring them together at different events," Grechis said. "We got a grant to sing outside the library steps and afterwards we were able to go back to Levering and have a party."

Grechis described music as an important balancing force in her life.

"I feel like it's one thing I'm not the best at but I really truly enjoy doing. I don't think I could have gotten through Hopkins without it. Having these short breaks to do a capella or go play piano really gives me the chance to unwind and then go back into my studies," Grechis said.

## NEWS &amp; FEATURES

# Global Banquet held by MEDLIFE aid group

By SEUNG HUNG OH  
Staff Writer

*Epidemic Proportions*, the undergraduate public health journal, held a "global banquet" in conjunction with South American aid group MEDLIFE last Monday. Attendees discussed international health topics while sampling food from around the world. Student groups which performed at the event include The Swami Jane Equation, Yong Han Chinese Lion Dance Troupe and the Indian classical dance group Jhanak.

According to Michael J. Suen, the co-editor in chief of *Epidemic Proportions* and organizer of the Global Banquet, the dinner was thrown to show what the community was doing outside of campus.

"At first, we wanted something that would help us to promote upcoming events," Suen said. "But we wanted it to be about something

more. It is not just about the journal or the magazine, but...about showing what Hopkins, Hopkins faculty and what Hopkins researchers are doing outside of campus. And

be donated to the MEDLIFE fund. "The money goes directly to the bank account, and at the other side is the MEDLIFE people who are currently working. They

event was a huge success.

"On the low scale, we thought only 50 people will show up. On the reasonable scale, we thought 100 people [would] show up. And at maximum, maybe 150," Suen said.

After packing the Glass Pavilion, there are plans to make it an annual event.

"This year we put things together kind of last minute, in a month and half or so. But it definitely turned out well. I think with more time, with more preparations, next year will be better," Suen said.

Feedback from the participants of the event seems promising for the next year's banquet.

"We, as human beings, all share [the] same interests about food and health," freshman Daniel Ahn said. "Food, especially, I believed that it played a great role of bringing [a] variety of people and giving them [a] chance to listen to [the] cause of the event."

The performances also got positive feedback from the participants.

"It was pretty cool. It was my second time I saw [the lion dance] and it was way more impressive because it didn't hurt my ear [as] much [as the] previous one. Indian dance was fun and the band was surprisingly good," junior Eric Madar said.

"I enjoyed them. I really appreciated it from the point of view that I rarely have a chance to listen to this kind of music by such a talented group," Ahn said.

There were some concerns with the sound system set up in the Glass Pavilion.

"I really wanted to be there to listen to speakers and support the cause. Unfortunately, it was really hard to hear and understand under circumstances like yesterday," Ahn said. "One of the reasons, I think, is that everyone was trying to eat and have fun with their friends. So I suggest they make the event more formal."



JIAYI WANG/STAFF PHOTOGRAPHER  
The Global Banquet helped to raise money and awareness for global public health as well as showcase student talent.



JIAYI WANG/STAFF PHOTOGRAPHER  
Patrons of the event, held in the Glass Pavilion, were treated to food and drink from all around the world.



CAROLYN HAN/PHOTOGRAPHY EDITOR

The stationary bike was manned for 24-hours by Pike brothers over Spring Fair.

## Pike hosts Bike-A-Thon to raise money for muscular dystrophy

By KATHERINE SIMEON  
Staff Writer

the stationary bike in 30-minute intervals for a full 24 consecutive hours to raise money for the cause.

In addition to getting sponsors to fund their cause, the Pike brothers also raised money by selling DIY tie-dye t-shirts and Red Bull. The brothers also held a raffle where participants can enter to win gift cards from local vendors. The fraternity's fundraising efforts this past weekend raked in roughly \$1,000.

"We really enjoy this event because it's a way for us to raise awareness and contribute to an amazing cause while enjoying Spring Fair," Crawford wrote. "This event was a great bonding experience, as brothers work together to coordinate fundraising and make sure that the bike is occupied for 24 consecutive hours."

The Muscular Dystrophy Association is a non-profit health organization committed to finding cures for muscular dystrophy and other related disorders. They undertake seeking treatments, services and information about approximately 43 neuromuscular diseases.

"We are spending a full 24 hours together," Billy Cleary, Pike sophomore, said. "It's a great way to bond over a stationary bike. It's a great cause."

Sponsors of the event included Koopers Chowhound Burger Truck, Redbull, Charles Village Starbucks, Indigma Restaurant, Hooters, Giant, New Age Embroidery T-Shirt Company, Amazing Spiral Bookstore and JHU IFC.

## Asian Perspectives event held last weekend

By RACHEL WITKIN  
News & Features Editor

because I want to go into the humanities, so that would be similar," she said.

She also enjoyed Intro to Social Psych and Intro to Business, though they were very different from IFP 2.

"All the professors seemed really knowledgeable and at the top of their fields," she said.

Friday afternoon, the students went to an Alpha Kappa Delta Phi fondue event so they could meet the sorority sisters and learn more about social life at Hopkins.

"I never really thought of myself as a person who would join a sorority, but everyone was really nice and made it seem like it was not your typical sorority," Huie said. "It seemed more like a bond of friendship."

After dinner, the prospective freshmen were able to go to the Chiddy Bang concert and the Blackout party.

On Saturday morning, there was a panel breakfast where the high school seniors were able to ask IAC members questions about the school.

"We had a panel of seven sophomore and juniors, and the [seniors] asked us questions about pre-med, our individual majors and our social lives," Wang said.

Even though it was raining, the group went to the Inner Harbor to eat at Noodle and Company and go shopping. They also went to the break-dance competition in the Glass Pavilion.

"That event wasn't planned. One of my friends just told me about it and I asked if they wanted to go because Spring Fair was closed," Wang said.

There was another Asian sorority event that night, hosted by Sigma Omicron Pi. They taught

"That might have made the program more interesting to a lot of pre-frosh," IAC Co-President senior Lester Kao said.

Most of the prospective freshmen arrived on Thursday night, where there was a Game and Snack night for them to meet the other members of the program. On Friday, they were able to attend classes.

Huie wanted to have a more regular Hopkins experience of going to the FFC and doing other non-academic activities. However, she also came to see what the academic experience was like. She went to an IFP 2 class, Intro to Social Psych and Intro to Business.

"[I liked IFP 2] because it was a small discussion class. I thought it was interesting and I liked it

the pre-frosh how to make fried oreos and also talked to them about the school. They also went to the DMC game night. IAC members made breakfast Sunday morning before the pre-frosh went home.

Overall, the IAC feels that the program went well.

"This year was a lot more of a close-knit group. There weren't as many pre-frosh who signed up. There were about 10 who hung out the entire time weekend," Wang said.

Huie enjoyed getting to know other potential freshmen.

"Everyone I met was actually really friendly and really nice. I didn't meet anyone that I didn't think I could be friends with. It kind of showed me the general atmosphere of Hopkins and its students," she said.

While Wang would've liked the weather to have been better, she thinks that the rainy day actually helped the pre-frosh bond.

"I think the weekend was really fun to just be around pre-frosh," she said. "I guess having them hang out the entire Saturday together because the weather was so bad made them a lot closer. I feel like a lot of them really enjoyed their experience at Hopkins, and hopefully most of them will come next year."

The IAC already has confirmation from six students that they are definitely coming to Hopkins. Huie is one of these students.

"I really liked meeting a bunch of different people, [including] all the different hosts and other pre-frosh, and different students. That was probably my favorite part throughout the trip," Huie said. "I am definitely coming here next year."

## PROVOST'S LECTURE SERIES

DR. ANDREW FEINBERG

King Fahd Professor of Medicine, Molecular Biology & Genetics, and Oncology

Director, Center for Epigenetics, Institute for Basic Biomedical Sciences

Chief, Division of Molecular Medicine, Dept. of Medicine

Johns Hopkins University School of Medicine

APRIL 25, 2011

4:30 PM

50 Gilman Hall  
Homewood Campus  
3400 North Charles St.

Q & A Session and  
Reception to Follow

RSVP to [ProvostRSVP@jhu.edu](mailto:ProvostRSVP@jhu.edu)

## THE EPIGENETIC BASIS OF COMMON HUMAN DISEASE

**SYNOPSIS:** Epigenetics is the study of information, heritable during cell division, other than the DNA sequence itself, such as DNA methylation, a covalent modification of cytosine. We have been taking an integrated approach to catalyze the generalization of gene-specific to genomic epigenetics, and to advance the focus in this field from cancer to common disease generally. Doing this requires integration of new conceptual, technological, epidemiological and statistical approaches, and through strong collaboration with experts in these fields. An exciting new direction of our research is the discovery of developmentally important sites of stochastic epigenetic variation in the genome that may be linked to important traits such as body mass index. This same idea of stochastic epigenetic variation has also influenced our studies of the cancer epigenome, with some surprising results regarding common mechanisms for altered DNA methylation in cancer, as well as for chromatin organization, with immediate translational implications.

For more information: [http://web.jhu.edu/administration/provost/lecture\\_series.html](http://web.jhu.edu/administration/provost/lecture_series.html)

# Man on the Street

## The Job Market:

*As their time at Hopkins comes to a close, we ask seniors: What is your opinion on the job market / graduate school admissions, and how do you think it compares to previous years?*



Aliyah Sanders,  
Senior

"I haven't even looked at jobs. I'm going to grad school right away. I didn't think it was that hard, but then again I'm going to graduate school overseas. I applied early and got in early. I studied German for a really long time, so that's why I'm going to Germany [for grad school]. However, I do think that med schools have gotten more competitive."



Lauren Wiesebron,  
Senior

"I got into med school. I got into a good grad school, so in retrospect, I feel like Hopkins helped me achieve my goal. It made me achieve what I wouldn't have been able to achieve otherwise."



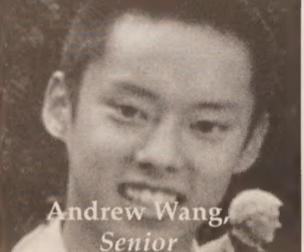
Rose Mason,  
Senior

"Past graduates are finally getting jobs, while we're getting back to normal, it's still quite tough. Naturally, since it's Hopkins, we should be fine. I actually only applied for one job, and I got it. But it helped that I applied in October. Starting early really helped. It helped me put a foot in the door."



Joon Hee Cho,  
Senior

"I do know that the number of students applying for grad schools have definitely increased and that has made it a lot more difficult to get into a med school compared to several years ago. At our school at least advisors have been really great at working one-on-one and individualizing each case. Getting into a difficult school is just difficult in general."



Andrew Wang,  
Senior

"I think [the job market and getting into graduate school are] getting a lot more competitive. Graduating from Hopkins will definitely help our chances of getting a job or getting into grad school. I'm still currently actively interviewing for jobs. [The prospects are] all right, there's definitely opportunities, hopefully one will pan out."

## Mr. Phi Mu competition raises \$2500

By LAURA FLYNN

Staff Writer

Last Thursday, Phi Mu hosted its first Mr. Phi Mu competition. Hopkins men showcased their talent and bodies through dance, a swimsuit competition, talent competition and a question and answer session. The event raised more than \$2,500, which was given as a donation to the American Cancer Society in memory of sister Katie Oppo.

Sigma Epsilon Phi freshman Thomas Wray won the competition, as he got the most votes from the crowd and brought in the most money.

Sophomore Phi Mu sister Erika Sanchez began planning for the competition, hoping to bring in a large crowd. "To put on a production which over 400 people attended needed a foundation of everyone's ideas and efforts, and a collaboration of everyone," she said.

It took months of preparation to find a location, decide the specifics of the events and find participants. Sanchez also explained how she and her sisters wanted the event to not only be aimed for members of Greek Life on campus. "I knew I had to get a majority of the social community... We went to BSU, sports teams and the frats," Sanchez said. The outreach was successful in doing so: 15 men represented sports teams and fraternities volunteered to be a part of the showcase.

As the planning continued, Phi Mu had to work as a group to overcome obstacles to get the event.

"It was first supposed to be in Shriner, but April is a busy month, it was entirely booked," Sanchez said.

Searching for some time, she and her sisters eventually found Bloomberg auditorium and booked it. This team effort and sisterly support continued up until and during the day of the competition.

Just before the event was about to begin, the girls realized that the sound system was not functioning properly. Phi Mu sophomore Marni Aronson



JIAJI WANG/STAFF PHOTOGRAPHER  
The Mr. Phi Mu candidates line up to be judged by an excited audience.

had to rush on stage and adjusted the electronics, fixing the problem.

Phi Mu sisters ordained with pink sat in the front row to give support to their sisters who had dedicated months to organize the event. The night started off with a dance choreographed by two sophomore Phi Mu sisters Ashley Lloyd and Malena Silva.

Masters of ceremony freshman Phi Mu Earllonda Brooks and junior Luke Sand introduced the competitors for the swimsuit competition. Wearing Speedos and miniature bathing suits, the boys strutted around the stage. Sophomore Nick Erdenberger and senior JJ Giampa from Beta Theta Pi received huge cheers from the crowd while they posed in their suits. Freshman swimmer Sean Glass did a little dance for the crowd wearing a cheetah-print thong.

"I am very comfortable in my own skin," Glass said.

Freshman Brendon Evans acted out an imitation of the Old Spice man and played jazz on his saxophone. He enjoyed the performance.

"I felt like the man your man could smell like," Evans said.

The talent competition also

included a performance of Justin Bieber's song "Baby" by Sigma Alpha Epsilon's sophomore Andrew Hersh and a rendition of Napoleon Dynamite's dance by sophomore lacrosse player Chase Winters.

The talent of Alpha Delta Phi brother senior Brian Hopkins was somewhat controversial. While balancing on a yoga ball, he drank beers handed to him by his fraternity brothers.

"I thought it was unique and entertaining, but the beer chugging took away from the rest of the act," sophomore JJ Braddock said.

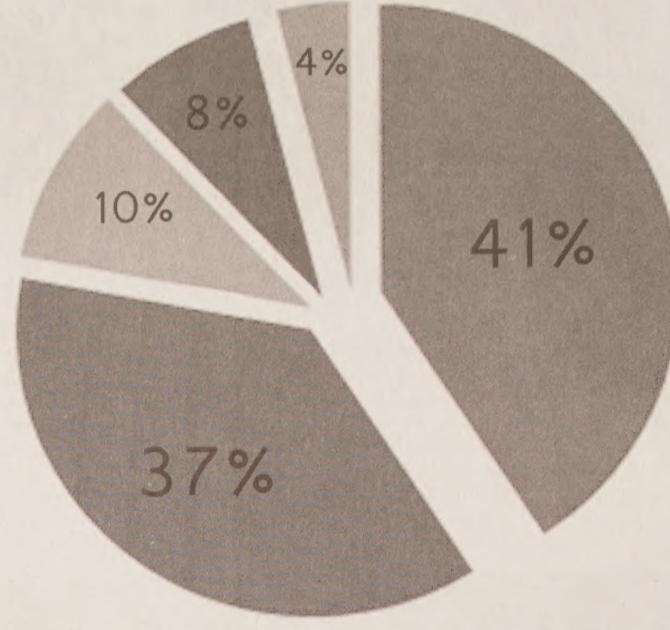
Freshman Nicket Dedhia felt otherwise. "I thought it was hilarious and I was impressed by his balancing skill," he said.

The question and answer part of the event showcased the competitors' wit and ability to think under pressure. Questions asked by Hopkins's very own Carrie Bennett ("Shush Lady") aimed to bring laughter from the crowd.

Mr. Phi Mu was such a success that Phi Mu plans to host another competition next year.

"It's such a great cause, participants were great and we hope it becomes an event every year," Sanchez said.

## Where is the Class of 2010 now?



41% Full-Time Employment or Paid Public Service

37% Enrolled at a Graduate or Professional School

10% Participating in Part-Time Employment or Paid Public Service, Volunteer or Unpaid Public Service, Fellowship, or "Other"

8% Actively Job Searching

4% Applying to Graduate or Professional School

GRAPHIC COURTESY OF THE CAREER CENTER

## Hopkins in 300 Words

*The Brewers Art, Saturday, 4 PM*

By RYAN KAHN  
Staff Writer

What do James Bond, Ari Gold and Don Draper have in common? They would be hanging out at The Brewer's Art... if they were real. Whenever you get bored of the usual Hopkins routine (PJs, Maxies, back to PJs, back to Maxies and then maybe even CVP), it's time to hop in a cab and go down the road to The Brewer's Art.

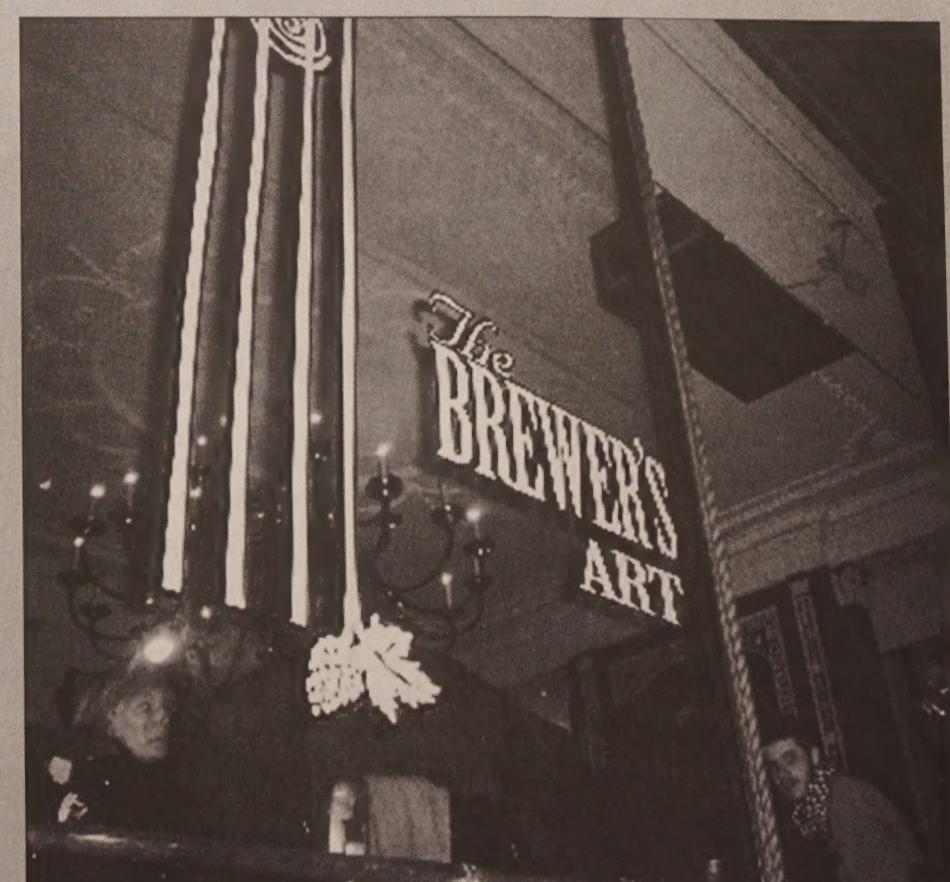
The two stories of the venue are day and night from each other but both offer different settings to suit whatever mood you're in. The upstairs restaurant of

fers delicious foods from chef Dave Newman, while the downstairs bar area, which is something out of early Hemingway novel, offers phenomenal finger foods and some of the city's finest micro-brews. Whether it's an exam grade worth celebrating or a week worth forgetting, Brewer's Belgian style "Ozzy" or dark "Proletary Ale" are up for the occasion. They also have a great selection of brews from around the world, but what collection of beers would be complete without Baltimore's finest, Natty Boh?

TBA even goes great for celebrating a buddy's 21st; the upstairs Steak Frites and Cookies'n Cream dessert may actually surpass that first "legal" drink. Or if the part

ty's downstairs, go herbed mac and cheese or rosemary garlic fries washed down with an Irish Car Bomb. You can even make a game out of it. Suit up with your friends and role-play as Legg Mason investors at the bar among the other professionals.

It's hard to think of a visit that hasn't turned into some kind of adventure. The local bar rightfully deserves its title as *Esquire* magazine's reigning champion of American bars. So next time you find yourself sandwiched at Maxies between two people that reek of D-level, take a trip to TBA. You owe it to yourself.



COURTESY OF WWW.CLASSICCITYBREW.COM/BALTIMORE.HTML

# Things I've Learned with Prof. Sheingate: Putting science into politics

By VICTORIA SCORDATO  
Layout Editor

Professor Adam Sheingate is an associate professor of political science and director of undergraduate studies for the political science department. He is teaching the American Presidency this semester, then switching to Food Politics and American Political Development next semester. Sheingate graduated with a degree in political science and philosophy from the University of Wisconsin. He went on to get his Ph.D. in political science from Yale University, later becoming a post-doctoral fellow at Oxford University. He came to Hopkins in 2000, but has also been a visiting professor at U.C. Berkeley and University College Dublin. He has written one book, *The Rise of the Agricultural Welfare State: Institutions and Interest Group Power in the United States, France, and Japan* and is working on a second about the history of political consulting. His most recent articles include "Why Can't Americans See the State?" and "Rethinking Rules: Complexity and Constraint in the House of Representatives."

Adam Sheingate (AS): So, my first semester teaching at Hopkins was in the fall of 2000, and I was teaching the American Presidency class for the first time. And it was the Bush/Gore election so I had arranged my syllabus kind of around the election and tried to use the election, thinking that people would be more interested. And then obviously the election didn't end when it was supposed to. And that threw somewhat of a wrench in the plans, and I didn't know what was going to happen. I didn't know what Florida election law was or how it was going to affect the outcome. I certainly didn't know that the Supreme Court was going to step in and say, "It's over." I tell this story a lot and what I learned is that I should always teach my American Presidency class in the spring, because that way [there is] a fairly good chance that if [there] is an election the outcome will be known by that point. I guess the broader lesson there is that you kind of have to adapt as you're going.

The News-Letter (N-L): So what first got you interested in political science?

AS: That's a hard question, I think I was interested in politics; I never really was involved in politics myself. I was initially interested in philosophy as an undergraduate. I guess it wasn't until my senior year in college that I took a class on American Politics and found it very interesting and then I decided to go into a political science Ph.D. program. I was interested in politics and government, and I thought maybe I'd go work into D.C. as opposed to becoming an academic. It's hard to say exactly what got me interested. It wasn't something I always knew I was going to do; sort of one thing led to another.

N-L: What do you consider your specialty? What do you find most interesting?

AS: Well, I'm studying U.S. politics, but I also look at public policy in the United States and other countries, mostly in Europe. I've done work on agriculture policy, on health policy, on food policy. So, U.S. and comparative I guess are my interests.

N-L: What is your favorite part of the job?

AS: I think my favorite part of the job is the opportunity to sort of pick a question that I find interesting and have the flexibility and the autonomy to find out about it and research it. And also the kind of ongoing learning that takes place. So, it's a long career, but it's not like being in some sci-

ences where if you don't come up with a brilliant idea by the time you're 30 you're not really given any relevance. So with political science, the more you observe the more you're actually learning about the political system. I know much more now than [when] I started teaching 10 years ago, and there's also 10 more years of American politics that's happened that I can take into account. So that kind of perspective is really interesting. And you know the opportunity to travel and teach other places, that kind of flexibility to be mostly self-directed is great.

N-L: What's your least favorite part of the job?

AS: Well I don't know, I'm kind of reluc-

tant to say, "laughs" I wouldn't say it's my least favorite part, but I would say the most difficult part of being an academic is that nobody actually prepares you for the job.

For example, when you're a graduate student, you're just learning about political science, you're not really learning how to become a professor. You never actually learn how to teach courses, you just have to learn while you're doing it. Or you never really learn how to do some of your administrative responsibilities. So at every stage of your job you're kind of peering behind the veil and finding something out that was completely obscure before. And part of the tradition of the academy — I think it's changing a little bit now — is that it was sort of looked down upon to talk about these things, to talk about the practical aspects of the job, because it was seen as detracting from the pure intellectual aspect of the job. So that's been the most challenging, because you're kind of learning on the job a lot.

N-L: What is your favorite class that you've ever taught at Hopkins or in general?

AS: I think that this course on food politics right now is my favorite, because it's an opportunity to take all of these different issues which have gained greater attention recently, whether it's

obesity or food safety or other aspects and see how they fit together. I also really like teaching graduate seminars because that's an opportunity to engage a small group of people on a topic that everybody is really interested in. It's very challenging and intellectually it's very engaging.

I mean, I like teaching large lecture courses too, there's a kind of performance aspect of it that I like and it's a real challenge. There are some days when I sort of feel like, "Aw, that lecture didn't go so well" and some days when I feel like that lecture was good; "I sort of pulled it together there at the end." So, the challenge of it is something that I also enjoy. And so even though I've taught this many times, I can't just teach the

same, it's not like I'm teaching calculus. Calculus doesn't change. The president changes.

So every year I teach this course, I have to change some aspects of it. That means that even though I'm only teaching two lectures a week, it's usually the case that every day that I'm teaching, from 8:30 in the morning, until 1:30 when I get in front of the class I'm revising my notes and updating my slides. That's again something I like about that job, but also something that is very challenging. It would be nice sometimes to just pull it off the shelf and walk into a class, but you just can't do that. As well as the fact that political science research is changing, and I'm trying to bring information to the class about what political scientists know or think about the issues. Every time we have a new president we have more data that we can use to evaluate what's going on.

N-L: In that vein, what research have you done that you've liked recently?

AS: I'm currently doing some research on the politics of food and trying to think about how political struggles over those issues might be changing or what the possibilities for change might be in the future. Something else that I've been interested in and I think I've contributed to in a positive way is trying to think about the creative aspects of politics in the sense of how individual actors influence political outcomes. We think about the concept that someone is entrepreneurial in politics; someone who's a political entrepreneur sort of takes it upon themselves to move things along in some way, to innovate in some way. And that's some research that I've been involved in for the last couple of years, I think I've written some really good things that help us understand kind of the creative aspects of politics or the entrepreneurial aspects of politics. So that's something I've been working on. Something else that I've been working on, on and off, is the history of the political consulting profession. Trying to understand how is it that political consultants — people like David Axelrod or Karl Rove — how is it that they've become so influential in our political system.

So I'm kind of looking at historically and trying to understand what consequence that has had for American politics and American democracy. The question, I guess, would be, "Does it matter that people who advise political candidates are basically in business to do so"; that they have a consulting profession. How does the profit motive matter for the kind of advice that they give?

N-L: So when you're doing research or when you're teaching, I assume you have some political persuasion you adhere to: Is it hard to remain unbiased?

AS: I think there are two answers to that question. I think one is, when a plumber comes to your house, there isn't like a Republican or Democratic way to fix your sink. I think similarly, there isn't a Republican or Democratic way to "do" political science, which is to study politics; to try to answer questions like, for example, what is the role of the President in the political system. Of course I have political views, but I don't think it's my role to articulate those. I think the greater challenge is that many students, I think incorrectly, assume that a professor has a political viewpoint. So then they might interpret a statement as being a political viewpoint as opposed to being a professional view I have about the political system.

So for example, if I say Obama made a mistake on this, or did well on this, I might be interpreted as making a political statement whether I agree or disagree with the Obama administration. Or if I say that Bush made a mistake in this way, that doesn't necessarily mean that I'm a critic of Bush. I'm saying from my analysis of his performance, it was a poor performance. So that is I think, the challenge, in that maybe that's a function of our political system today to the degree that it's a pretty polarized political environment and the media is kind of a noisy and somewhat poisonous environment, that



PHOTO COURTESY JHU.EDU

Sheingate graduated from Wisconsin and went on to get his Ph.D. in political science at Yale.

people assume that if you make a statement about a president or about politics that you're making a political statement. So the challenge is to communicate to students what the research is showing and that they don't think that's my personal view. On the other hand, the realistic view is that we choose our subjects based on our personal interest and those interests are also political.

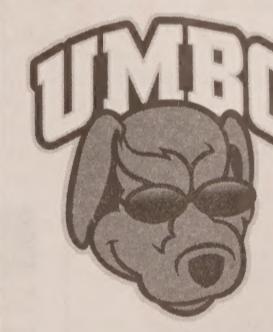
N-L: Given all of your experience, what advice would you give to students who want to pursue a political science major or take political science classes?

AS: Political science is a very broad field, and there's a lot of variation among what political scientists do, whether they study American politics or whether they study China or they study political theory, political philosophy, or whether they study international relations. And political science ma-

jors I think, should get a breadth of the discipline, and then once they have that breadth, should think about how they want to concentrate their time and focus. And then maybe also add something that distinguishes themselves, whether that's proficiency in a foreign language or a second major in art history or history of science, something that can maybe help them distinguish themselves from other poli sci majors or other students at Hopkins.

There are just so many opportunities here; if someone has the desire to be a political science major and a cognitive science major, at a place like Hopkins it's possible to do that because you have so many great departments across the spectrum. And that's something a potential employer might take note of, or a law school application even. That's another way to distinguish yourself.

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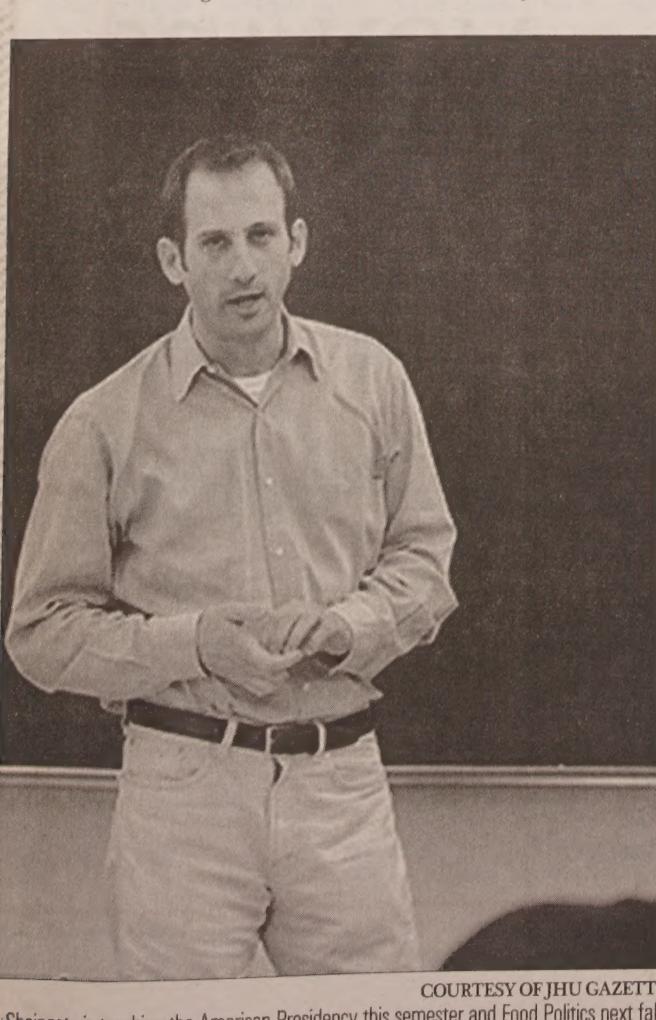
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Sheingate is teaching the American Presidency this semester and Food Politics next fall.

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Wednesday, April 20	Athletic Center Hall of Fame	9:30am - 4pm
Friday, April 22	Athletic Center Hall of Fame	9:30am - 4pm
Monday, April 25	Athletic Center Hall of Fame	9:30am - 4pm
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## NEWS &amp; FEATURES



Tariq Ramadan, a renowned intellectual on Islamic affairs, spoke about some of the issues Muslims are facing in today's world.

## Muslim scholar tackles controversial issues

**TARIQ, FROM A1**  
was essential to them. With their intelligence, their approaches and new understanding, you get more and more of the secrets of the scriptural sources," he said.

The second field involved challenges faced by Muslims in Muslim-majority countries.

"Muslims in Tunisia and Egypt . . . want freedom, transparency; they don't want dictatorships. They don't want corruption," Ramadan said. "These people are not talking far from Islam . . . they [are] asking for the same values but with their culture and religion."

The third field concerned Western Muslims and how they may interact with non-Muslims.

"We have to come to something which is essential to Hinduism, Buddhism, Islam, Judaism, Christianity, atheism, agnosticism. What are the current values and how do we deal with essential concepts like education, freedom, justice, tolerance, respect, faith and reason . . . the way we are dealing with this is the way we are able to deal with pluralists," Ramadan said.

Ramadan continued discussing ways in which Muslims should interact with non-Muslims and outlined intellectual features a Muslim should have when speaking with others.

"We need to equip our brothers and sisters in humanity, from wherever they come with three intellectual features," Ramadan said.

He listed those features as intellectual humility, respect and consistency. Ramadan described intellectual humility as an understanding that knowledge is a tool to be used and not something to be worshipped.

Intellectual respect was described as a respect for other non-Muslims views.

"I have to listen to other people telling me about their truths . . . I will get some light coming from the other traditions in order to become better myself. And I have to listen to the people around me as witnesses to their beliefs," Ramadan said.

"Be witnesses . . . You are not here to convert people, you are here to be good people . . . What is going to happen for them is not for you to decide. You do not have the keys of the hearts, just the words of the minds," he said.

"As human beings we are not at the level of the values. We are full of contradictions," Ramadan said in regards to intellectual consistency. "To be consistent means Islam is great but not all the Muslims are great. The American values are great, but American policies are not."

"We acknowledge the fact that we can do better even though we think our values are great and sometimes the greatest values."

Ramadan spoke of the alienation and foreign stigma associated with Islam in Western culture, and contested the legitimacy of the stigma.

"There is a tradition of people looking at Islam as the religion of the others," Ramadan said. "[But] when you study history, you will see there are many things in the West that are completely in-tune and even coming from the Islamic tradition. If you study [the] history of the European identity, philosophy and theology you will get a sense that Islam was there in the process."

Similarly, to Muslims, Ramadan argued that Western values were not in conflict with Islamic values.

"Everything that is not against

Islamic value is Islamic," Ramadan said, citing the American Islamic culture as evidence of the compatibility of the two.

Ramadan described his efforts not as an attempt to reform the religion of Islam but the people of Islam.

"I never tried to reform Islam;

I'm trying to reform the Islamic mind, which is different," Ramadan said. "It is the way we read our sources; it is the way we deal with the texts . . . we have to reform our understanding. We have to reform our take on culture."

Ramadan made a specific suggestion in regards to Muslim interactions with Western culture. "[Muslims] need to get rid of two things: the victim mentality and the minority mentality," Ramadan said.

He described both as fueling the negative emotions felt by Muslims due to conflicts with Western culture and allowing Muslims to feel justified in their anger.

Ramadan pleaded to both Muslims and Westerners to accept the diversity of Islamic beliefs.

"It is important for all of us and especially in the West to accept the diversity of interpretation and that there are not only two kinds of Muslims . . . the 'good' Muslims and the 'bad' Muslims," Ramadan said. "There are many different trends [of Muslims]."

Ramadan then addressed what he described as the politicization of Islam.

"I have a feeling that the next election in your country [United States] in 2012 are going to be colonized by the Islamic preference by some populist tea party movements," Ramadan said. "They don't know how they are going to deal with the economy and other fields. Islam is going to be the key and they know this. So all this movement that you see now, they are paving the road to target Muslims because they are the danger."

Ramadan claimed that the bias originated from other Western countries that are similarly plagued by this bias, citing his experiences in his native Switzerland as evidence.

"In my country, the first party is the Swiss people party and they build the rhetoric saying that the Muslims are the others . . . The spokesperson to the populist party [told] me 'We made a mistake with you, Tariq Ramadan . . . we gave you the nationality. Because as a Muslim you can't be a good Swiss, because by definition, Islam is against the Swiss values,'" Ramadan said.

Ramadan warned the audience of the danger of the anti-Muslim mentality.

"Be careful, because this populism is everywhere and it is easy . . . emotional politics. It is to speak about fear; it is to instrumentalize the fear," Ramadan said.

According to junior Sabeeh Baig, a member of the MA, Tariq Ramadan is a well-known and well-respected figure in Islamic culture.

"He is a pretty well-renowned Muslim academic," Baig said. "The mainstream generally likes him a lot because . . . it allows him to highlight a lot of problems the Muslim youth see in the community. The older, more traditionalists, while they may appreciate his work, they might not necessarily agree with him on everything."

Some students that attended the event held positive views of Ramadan.

"He is a very reputable man,"

freshmen Ahmed Yousof, a Muslim, said. "He brought Western and Islamic perspectives together. He portrayed us in the way we should be. He solved a lot of misconceptions to many people in Europe and America. He's a good image for us."

However, some students that attended the event felt Ramadan was not a positive image. During the audience question portion of the event, sophomore Caitlin Rosner asked Ramadan about his well-known resistance to condemning the practice of stoning in Islamic culture.

When asked about this issue in the past, Ramadan instead called for a moratorium, a suspension, of the practice and for Muslim scholars to revisit the texts to determine whether or not this practice is acceptable or not.

Rosner, however, felt that such a call was morally problematic.

"Moratorium is the wrong word. There's an implication there that it should be temporarily stopped but that it could continue thereafter," Rosner said.

Rosner said that she attended the event with the intention of protesting Ramadan.

"I planned to protest him. I'm very against a lot of connections he has with certain individuals," Rosner said. "According to the Investigative Project on Terrorism, . . . he has connections to Al-Qaeda; he has financial connections to Hamas."

However, Baig disputed these claims.

"From what I know, there is no truth to these claims. Tariq Ramadan made donations to two charitable organizations between 1998 and 2002; these organizations basically supported the Palestinian cause," Baig wrote in an e-mail to *The News-Letter*.

"These organizations allegedly had links to Hamas and have been classified by the US Treasury as organizations that provide material support to terrorists. These organizations were classified as such during the summer of 2003 after Tariq Ramadan had made the donations. The US Embassy told Tariq Ramadan that he should have known about the activities of the organizations before making the donations."

"To this he retorted in an article published in *The Washington Post*, 'How should I reasonably have known of their activities before the US government itself knew?' So, Tariq Ramadan did not know of these alleged links or how these organizations used their money. However, his donations caused his visa to be revoked and him to be banned in the US until last year when the Obama Administration lifted the ban," she said.

Despite this and a number of other controversies Ramadan has been involved in, the Islamic community views Ramadan very well.

"The Islamic community is supportive of Dr. Ramadan and has never really accepted these claims. His work, which includes 25 years of writing and activism, reflects his ideology very well, that he's a moderate yet devout Muslim who is fair in his dealings with all people," Baig wrote in an e-mail to *The News-Letter*.

"He doesn't talk about Muslim supremacy, for example; on the other hand, he talks about how Muslims should be compassionate and merciful with all people. Muslims, particularly those in the West, really appreciate his message of plurality."

Some students that attended the event held positive views of Ramadan.

"He is a very reputable man,"

## Chiddy Bang draws crowds to Levering

Smaller crowd than previous years; students satisfied with the relatively unknown band

### CHIDDY BANG, FROM A1

"Even though I didn't know who the performer was, I thought it was really good music . . . thought [Chiddy] was a really great performer," sophomore Pearl Amaechi said.

Freshman Deanna Cotsalas added that a Hopkins-only concert gave it a different and somewhat unified feel, despite it being smaller than concerts she has attended in the past.

"It was cool to be around Hopkins kids and you're all just jumping and dancing with random people that you've never met before," Cotsalas said. "You see them the next day and say hey so it's a great way to meet

new people and have a good time."

Senior Alexandra Byer had a similar reaction as Amaechi and Cotsalas, and also commented that having the event outdoors on the Levering Quad made for an entirely different experience from past Spring Fairs and other concerts that have taken place on Hopkins's campus.

"I really liked the venue more than in the gym, which is where it has been held in the past," Byer said.

Norparstak commented extensively on the location of the concert, as this was a key factor in the intended atmosphere and subsequent success of the event.

"I think it was a better use of our resources. I think that having a smaller-scale concert in Levering Quad for free made a lot more sense than to attempt a bigger concert on the practice field . . . the Levering stage looked really cool and from what I could tell everyone was really impressed with the setup . . . having a music scene set up in the middle of a quad was pretty exciting," Norparstak said.

Another difference from past years was the cost of this year's event: completely free with a J-Card, which was possible through funding from the Provost's office.

Although it helped to draw in some of the crowd who might not have known the performing artists, Norparstak didn't think that it had much of an effect on attendance.

"I think people who want to see the show are going to see the show. I didn't really see a massive amount of people there, so I don't think that having a free show is really going to affect that much," Norparstak said.

Although Norparstak was somewhat concerned with the low attendance, she still considered the venue, booking and planning of the Chiddy Bang concert to be highly successful, and hopes that future musical events for Spring Fair will be planned in a similar fashion.

"This was a huge change from what we did in previous years and I think [future Spring Fair planners] learned a lot about how to go about creating a festival . . . it was a good move forward and I think that next year we will continue with this set-up. That's going to be my recommendation at least."

Norparstak declined to comment on the cost of Chiddy Bang and other financial information regarding the concert.



WILL SHEPHERDSON/STAFF PHOTOGRAPHER

Chiddy Bang performed in the Levering Quad to a small but excited crowd.

## Spring Fair a success despite rainy Saturday

### SPRING FAIR, FROM A1

as opportunities to give her some relief from the repetitive nature and grind of a college routine.

"I really think that students here need a break and that Spring Fair is a good way for us to do that . . . [and] the food was awesome because I didn't have to eat at the FFC," Cotsalas said.

Beer Garden was a favorite for senior Alexandra Byer and other adult-goers of the fair.

"Being an upperclassman, Beer Garden is a main part of it. It was really good and having music in the beer garden was awesome this year," Byer said.

Norparstak confirmed the popularity and success of Beer Garden.

"It was pretty much packed

the entire time," Norparstak said.

Norparstak noted that that the most successful events were the music and childrens' events, and that the success was a reflection of the change in planning for this

year's events.

"I think the things we focused on this year, being the music and the kid's section, were both definitely improved compared to previous years," Norparstak said.

The children's section this year included a live penguin and turtle for one event, as well as an air-bouncer and other interactive events around campus. Norparstak attributed the high attendance of children to hard work on the planners' parts in marketing Spring Fair around Baltimore in attempts to actively include the Baltimore community. Planners got the word out through a radio campaign, sending e-mails through Johns Hopkins listservs, contacting schools in the area and reaching out through Homewood family groups such as The Village Parents — a Charles Village-based group of parents who relay information concerning family events as a part of their

goal to make Charles Village a family-friendly neighborhood.

"I know that we still have a lot more that we can build on for next year, but we did a really good job," Norparstak said.

The events proved to be fun, exciting and crucially, largely free for fair-goers, save the vendors.

Norparstak wasn't willing to comment on the cost or financial matters involved with Spring Fair.

The overwhelming student response seemed to be that it was worth the price.

"It's one weekend at Hopkins, everyone comes out and congregates in one area, and you really get to see the University come together in a non-academic way. I think it's a really important part of Hopkins's social life and having fun . . . there's nothing wrong with money going toward the University's academics, but it's good to have a balance," Byer said.

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# Earth Week focuses on awareness

## EARTH WEEK, FROM A1

Real Food in Baltimore was run by freshmen EcoReps, who worked in collaboration with Real Food Hopkins. They set out apples (organic vs. FFC) and granola (Michele's Granola vs. Nature Valley) and asked people who passed by the Breezeway to taste the two different types. Then they asked them if they could distinguish the difference between organic, local products and non-organic, manufactured products.

"We're trying to let people explore the different options of sustainable, local and organic options that Hopkins students can access," freshman Hannah Linsell, who is interning for the Office of Sustainability as an "Eco-Rep," explained. "There's also the options of signing up for a trip to the Farmers' Market or [receiving] more info about Sustainable Hopkins."

This event was especially successful because of the student tours happening at the same time; people would often stop to ask questions about what Hopkins Sustainability was doing. "We're getting a lot of attention about the 'food desert,'" another freshman EcoRep Zoe Kaiser added. A "food desert" is an area that does not have easy access to healthy foods. "It's not a concept people are usually familiar with."

Students agreed with the EcoReps' opinions. "I think it's awesome because Hopkins needs an environmental wakeup call," sophomore Aubrey Pevsner says.

Wednesday brought about the Free Electronic Waste Recycling Drive. By 2 p.m. the people running the event had already accepted three bins full of electronics and a couple of skids with larger items, all ready to be recycled. "Each time we have one of these, we're seeing the waste get smaller and smaller," Robert Byrd, the director of IT recycling, said. "We're clearing out the electronic waste on campus."

Many people stopped by and asked questions about IT recycling in general, what Hopkins would do with the donated

equipment and other related questions.

The recycled technology will be going to a variety of places. Some of it will go to local places through a local company called CVM. Others will go overseas. If a specific piece of technology is completely dead, it will be broken down and parted out for metal, glass and other parts. Hopkins also plays an active role in IT recycling; a graduate student-run group called Boot Up works with the Baltimore city government and refurbishes computers to get them into a working environment again.

"This is fantastic," Catherine Sheely, a biology graduate student, said. "I'm actually moving, so I had to get rid of a bunch of stuff anyway . . . I feel like people don't really know what to do with electrical equipment. This made my day."

Another big event was the inauguration of the Environment, Energy, Sustainability & Health Institute at Mason Hall. The Institute was established to promote research on sustainable waste, especially interdisciplinary research, as well as teaching these policies to others. Three Hopkins schools — the Whiting School of Engineering, the Krieger School of Arts and Science and the Bloomberg School of Public Health — are the forerunners of this institute; they made a charge, committed funds and made goals.

These goals include establishing Hopkins as a world leader in integrative approaches to global environmental change, sustainability and health challenges, expanding environmental curriculum and developing collaborations with the community.

"Our faculty has been focused on environmental issues for years," Ron Daniels, President of the University, said in a letter read at the inauguration. "Working together, we can identify and understand the issue at hand, find the solution and train the next generation. This effort stretches across our entire university."

There are many more events coming up to celebrate Earth Week. "It's just an awareness initiative," Calabrese said. "We

really just want the larger community to know there is a big and growing movement of students and faculty committed to making a more sustainable Hopkins and promoting sustainable thinking here and also in research."

Students have been talking about Earth Week, and the Sustainability Office has gotten a lot of inquiries. Calabrese feels optimistic that people will stay engaged and continue coming to sustainability events. "I'm optimistic that we're broadening the network of people this week," she said.

As a growing movement all over the world, the initiative to go green has become an increasing priority on campus, through both the efforts of the Sustainability Office and the efforts of the University, which has made it a research and academic focus. This complements Daniels's vision of uniting Hopkins and improving the collaboration and communication between divisions in research and beyond. "That's the focus of our office," Calabrese said. "To unite people around these common goals for a more healthy and happy future."

Students were also satisfied with Hopkins Earth Week. "I like all the different events," freshman Sarah Siltz said as she signed up to go to the Farmers' Market. "I went to the mining talk [on Monday], which was cool, and today, I found out that I was able to tell the difference between the granola."

Calabrese explained her vision for sustainability at Hopkins. "Sustainability isn't about recycling. It's not that simple. It's about people," she said. "It's about individuals and community taking action and being personally responsible. A lot of these events are active, not just lectures, so that we can make this a living laboratory. People are what make that happen."

On Thursday, there will be a

free clothing exchange and eco-crafts workshop at Levering, and on Friday, there will be a screening of *The Garden* in Remson 101 as well as Sustainability trivia with SHIP on the Breezeway.



COURTESY OF HANNAH LINDSELL

## Power Shift leadership program unites youth

### POWER SHIFT, FROM A1

Calabrese, Hopkins Sustainability Outreach Coordinator, said. "On a federal policy level it's really challenging . . . [but] the energy you feel when you're [at Power Shift], standing amongst progressive people, it's very inspiring."

Approximately 15 Hopkins students were recruited for the event, a substantial increase from Power Shift 2007 when only five attended.

"The students that came really, really liked it," Patrinos said. "I'm not saying that more people couldn't have shown up, but I was really happy with the number that came."

This growing attendance to Power Shift seems to be consistent with an overall increased environmental consciousness at Hopkins. Among other things, the Hopkins administration has been working towards Leadership in Energy & Environmental Design (LEED) certification for several buildings and has switched to a composting system in school cafeterias. There has also been a proliferation of campus groups such as the Sustainable Hopkins Infrastructure Program (SHIP) and Students for Environmental Action (SEA) dedicated to promoting cleaner environmental policies.

"Students are the most powerful, significant voice at this University," Calabrese said. "If you express discontent, they listen to you before they listen to faculty or to staff. Most of the college

sustainability commitments have been led by students."

Yet many pointed out that while there are some targeted environmental efforts, this is not reflective of the entire Hopkins student body.

"I think if people really want to start making a change . . . I feel like people need to get a lot more involved [in the environmental movement] and educate themselves," Patrinos said. "Hopkins compared to other schools is not as environmentally conscious, so I think we have a lot of work to do."

"No one's calling people out at the top [of the University], and students can totally do that . . . I feel like most student groups are programming focused," Calabrese said. "I think there's so much potential for students to be politically empowered. Power Shift is an opportunity to plant a seed for political advocacy."

Power Shift 2011 placed a heavy emphasis this year on empowering youth to enact community, state and regional change. In contrast, Power Shift 2007 was very centered on national change, organizing under the theme of Obama's 2008 presidential campaign. This shift reflects, in Calabrese's opinion, a growing disillusionment with both federal government and Obama's presidency.

"Many of Power Shift's goals in 2009, largely based on the na-

tional level, have had little success. Among other things, the EPA has met many legal obstacles in its attempts to enforce clean air and water laws, former special advisor to green jobs for Obama's administration was forced to step down after conservative criticisms and the movement to create more environmentally friendly jobs for youth has seen little results."

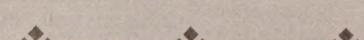
"We're all so jaded by Obama's failure to pass a comprehensive energy bill, so we're focusing what we can do on a smaller scale," Calabrese said. "[Power Shift] is bringing it back to the local level. I think that's the sentiment in America right now. We need to do it for ourselves."

In particular, there is a move towards bringing change to the university level. Tellingly, the Energy Action Coalition, one of the primary organizers of the event, recruits heavily from college campuses.

While Power Shift has had trouble enacting change on the national level, the general consensus is that the conferences bring about an overall optimistic feeling.

"I think the main objective of the conference is to show people that they're working in solidarity and that they're part of a movement," Calabrese said. "They're not alone. There are students all over the country that are enacting the same vision."

## All Johns Hopkins Arts and Sciences freshmen are invited to apply to the Woodrow Wilson Undergraduate Research Program. The purpose of the program is to encourage research, broadly defined, by Johns Hopkins undergraduates.



The program offers each Wilson Fellow three unique elements:

- Starting in his or her sophomore year, mentoring by one of the school's distinguished faculty members;
- Financial support of up to \$7,500, distributed over three years, for research-related travel, work or study, and equipment;
- Senior poster session at which the results of the Fellows' work are presented to the greater Johns Hopkins community.

Approximately 10 current freshmen will be chosen for this program. They will join the current Fellows from the classes of 2012, 2013 and 2014, as well as a group of incoming freshmen (who undergo a separate application process). Completion of the Woodrow Wilson Program will also be recognized at graduation.

### Application requirements for rising sophomores:

- a two-page statement on your intended research and why you feel qualified to pursue it;
- your resume;
- a letter of recommendation from a faculty member who is willing to serve as your initial mentor;
- a copy of your transcript (unofficial is fine).

### These materials should be submitted to:

Ami Cox  
Woodrow Wilson Research Fellowship Program  
Suite 225 Mergenthaler Hall  
Johns Hopkins University  
3400 N. Charles Street  
Baltimore, MD 21218

**Deadline for Rising Sophomores: May 13, 2011**  
All materials are due by this date.

**Questions? Contact Ami Cox at [ami@jhu.edu](mailto:ami@jhu.edu).**

## NEWS &amp; FEATURES

# Mixing sprints with caffeine for max efficiency

If one were to walk from the Rec Center to Shriver and take note of the drinks in peoples' hands, it would be alarming just how many cups of coffee, be it from Starbucks, FFC, Pura Vida or Carma's, are being carried around at any given point on this campus.

Many people claim that they aren't able to get through the day without coffee. Some drink three cups in the morning without realizing it. Some just like the taste. But an addiction to coffee isn't quite as harmful as one to tobacco or alcohol: from a fitness perspective, coffee, and more specifically the caffeine it contains, can be quite the natural exercise supplement.

Of course when we talk about caffeine, the first form that comes to mind is that of coffee or energy drinks. Regardless of the source, caffeine itself is the active ingredient in countless diet pills and whether taken in pill or liquid form it can have favorable effects when combined with proper exercise and dieting.

Caffeine is a great way to get that extra energy boost during your workout if taken half an hour to an hour before exercising. Caffeine acts as a stimulant, increasing pain thresholds and endurance levels. It induces a CNS (central nervous system) response that speeds up glucose intake from the blood into the muscles allowing for faster recovery during workouts.

In addition, caffeine induces lipolysis, the breaking down of fat, allowing that fat to become additional usable energy, and creates a thermogenic effect that warms up the body and amplifies calorie-burning. A study at University of Lincoln-Nebraska showed that

groups taking some form of caffeine one hour before training increased the number of reps of weights lifted before muscle failure and number of laps ran with consistent times. In addition to the actual improvement in ability to exercise, caffeine can also lessen exercise-induced asthma by reducing airway constriction and blocking inflammatory pathways that signal the throat to tighten.

And because caffeine increases physical performance and actually help to prevent heart disease rather than cause cardiovascular disease, a myth commonly used by opponents of coffee. And let's be frank, coffee doesn't sober you up. It just makes you more alert during a hangover, producing an effect that feels like the alcohol is going away.

It's important to note that caffeine-induced fat breakdown will only happen when the body is in action, so make sure you do some form of exercise. The amount of caffeine as an ingredient is usually measured in milligrams. I recommend about 1.5 mg of caffeine per pound of bodyweight or about one or two cups of brewed coffee (150mg each) one hour before working out. Too little coffee won't have an effect and too much coffee can cause you to crash — not to mention stain your teeth — so always remember to take exercise supplements, natural or synthetic, in moderation.

The best type of exercise to do when working out, under the influence of caffeine or not, is High Intensity Interval Training (HIIT).

HIIT is cardio training that alternates between 80 percent, 90 percent or 100 percent intensity

and steady state cardio at much lower intensity levels. In the past, we were told that steady state cardio (distance runs, hours on the bike or elliptical) was the best way to lose body fat. Forget that myth: study after study after study, HIIT has been proven to be the best fat-burning technique.

Distance runs two to three hours at a time can actually burn away muscle which is why it's not likely you'll find a cross country or marathon runner with shoulders the size of buses. If you're a girl, you don't really want that since that would make you less toned. If you're a guy, needless to say you probably don't want that unless it's intentional. With HIIT, the amount

of carbs used as fuel is greater than that used in steady state cardio

and the amount of fat used as fuel is equal to or greater than that used in steady state cardio. What this means is that in a session of HIIT, you'll burn more calories and more calories burned equals more fat burned. HIIT is up to 50 percent more efficient in fat burning if you care about numbers.

The beauty of HIIT (provided that you have the gut to push yourself) is the amount of time it saves while burning up to nine times more fat in one session and the boost in metabolism while your body is at rest hours and even days after training. One session of HIIT can be as short as 15 minutes with the same end result as one hour of light jogging. A sample workout might be 15 seconds of all out sprinting, 45 seconds of light jogging and one minute of rest or walking repeated six to eight times. That comes down to 12-16 minutes. Even if I wasn't pressed

for time, I'd take that over an hour and a half of countless laps around the lacrosse field any day.

When we think about steady state cardio, only a few things can come to mind: jogging, biking, the stairmaster or the elliptical; each of these requiring at least 30-45 minutes to be counted as any real workout.

On the other hand, almost any exercise can be made into HIIT. If you're jump roping, jump fast for 30 seconds and slow down for another 30. If you're running on the track, sprint one straight away and jog the rest. If you're in an open area, sprint in place, vertical jump and do burpees and mountain climbers in pushup position at 15-20 second intervals. On the treadmill, try one to two minutes at a high speed, one to two minutes at a slow speed and one to two minutes of walking with this cycle repeated five to six times.

The list of activities goes on and counts as training as long as you amp up the intensity and push yourself for those short-lived fractions of a minute. And the best part of it all? Just three to four sessions of HIIT a week for six to eight weeks will be plenty to show signs of fat loss.

There are of course, caveats. If you want to lose fat, just because your metabolism is boosted for two to three days after going all out on the track does not mean you can go all out on the carrot cake. Healthy dieting with lots of veggies, fruits and protein while cutting back on carbs is still essential for fat burning. Even world class sprinters like Tyson Gay have only a few Big-Mac cheat days per month and Michael Phelps is probably the one exception to the rule with his 10,000 calorie per day diet.

**Yang Bai**  
Guest Fitness Columnist

## Keeping your relationship alive over the summer holidays

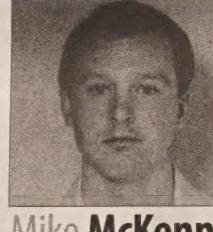
**S**pring fair has come and gone, the last few weeks of the semester are in sight and I can't stop thinking about summer. Hopefully, after an entire year of school you're not wondering how to meet people, but rather what to do with the people you've met.

For better or worse, summer's almost here and for some that means living in another city apart from their friends at Hopkins. The distance of summer poses even more problems for couples who, after living within two minutes of each other for the past months, can find themselves hours apart.

Admittedly, the idea of video chatting someone for three months with only a few weekends together is daunting, if not terrifying. In the words of Tina Fey, it can be a complete "deal-breaker" and you might be tempted to throw in the white towel now.

Don't. Instead, try to find a balance between making loose plans for the summer and enjoying the last few weeks of school. There are too many great things going on in the last few weeks of school to be worrying about "what if such-and-such" happens over the summer.

I'm neither for nor against



**Mike McKenna**  
Thinking Outside the Bedroom

summer relationships, because every relationship is different and unique in its own way. Some couples are great together and will have to "suck it up" and get by for three months, video chatting and maybe even picking up a boring hobby in the meantime.

For other couples, summer won't be that easy and their relationship will be tested, but there's no reason not to enjoy the present because of what you think might happen in the future.

I'm all for open communication and going into summer with a loose plan, but realize that no matter how hard you try, you'll never be able to plan every detail of the summer.

Forget making plans to video chat everyday at 5 p.m. for exactly 47 minutes or something ridiculously precise like that and instead just agree to keep talking. If you like each other, then talking with each other, even if it's over Skype, should come naturally enough in such a way that you don't need to make these plans.

Realize that sometimes these relationships require more faith and blind optimism than anything else. It's frightening, I know.

The point of the article isn't that summer relationships are

challenging or whether or not you should try to have one. Rather, my point is to find a balance between enjoying the time you have together right now and making loose plans to comfort you before the summer begins. If you worry too much about the summer now, when August comes around you're going to regret not having an awesome time at the Wiz Khalifa concert (see you there) because of an argument. If you like each other, have some faith and roll the dice.

Those students graduating this semester are in a much more complex situation, but I think my

advice still holds. They'll have to plan out where they'll be living and their job situation in more detail, but I still don't think planning every detail is possible or advisable. Senior couples are in a much more complicated situation, but that's no reason not to enjoy the time they have together now.

So instead of letting the idea

of three months apart taint the month you have together, show some faith and have a good time now. Between the long days in the library and even longer nights out, summer will be here soon enough so enjoy the semester while it lasts.

## Enjoying great religious food with friends and family

**O**nce a year, Jews all over the world come together to celebrate freedom.

We commemorate our ancestors' emancipation from Egypt by conducting what is traditionally known as a Seder (translation, "order"). Depending on your religious commitment, you could dine at between one and four Seders. The holiday is eight days long and poses some serious dietary restrictions.

To honor our ancestors who escaped from Egypt thousands of years ago, we adhere (or attempt to adhere) to the diet that they followed in the desert as they made their way to safer land.

Perhaps the most ubiquitously known Passover food is matzo. These completely flat, typically square shaped, cracker-esque sheets are essentially unleavened bread. The story goes as follows. In preparation for the escape from Egypt, the Jews attempted to make bread for the long journey ahead.

They were forced to escape earlier than expected and the bread did not have time to rise. Thus we eat unleavened bread for eight days to honor those who had to.

The restrictions do not stop there. One cannot consume anything that rises, so to speak, in following with this "unleavened" tradition. These prohibited items include, but are not limited to, wheat, flour, peanuts, corn and soy.

Only Sephardic Jews are allowed to eat rice (hence for

eight days a year my mother and I trade in our Ashkenazi heritage for the former). Skimming through these ingredients might belittle the restrictiveness of the holiday. Literally almost everything one eats on a daily basis contains at least one of the above ingredients.

For one, almost everything I eat on a daily basis contains some form of corn syrup or soy lecithin. Such a shame.

Let's talk Seder. There is a scene from Woody Allen's *Annie Hall* that sums up my family's Seder perfectly. In the film, Alvy Singer (Woody Allen) dines at his quintessentially "Wasp" girlfriend's home. Annie Hall (Diane Keaton) and her family sit calmly, and rather quietly, around the dinner table.

In the middle of dinner Alvy breaks the fourth wall (stares into the camera) and describes his opposing family to the viewer.

Indeed, the scene is split into two (split-screen). On the left sits the Hall family, cool and collected. The Singer family is depicted on the right.

They are entirely antithetical to the Halls. The table is cluttered with seemingly homemade food. The Singers are notably louder than the Halls. They have thick New York accents. Their meal, to put it simply, seems chaotic.

This undoubtedly portrays the stereotype of the "neurotic Jewish New Yorker," and some might take offense to it. I would



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As Spring begins, floral prints return to the runway along with crochet and lace shirts.

## Spring is back: Fashion to match the season

**I**t's that time of the year again — spring has arrived in Baltimore! And while

Spring Fair and the cherry blossoms have already come and gone, you still have a few months left to enjoy the new spring fashion trends for 2011. I have compiled a list of eight major trends of the season to try —

to be adventurous and have fun!



**Carter Banker**  
International Trendspotter

5) Crochet and lace shirts are always in style, but are particularly popular this spring. They give a romantic feel to any outfit and can be dressed up or down depending on the occasion.

6) Crop tops are also looking strong this season. This is a look that you have to be careful with — it can turn trashy very quickly if not done right. To avoid exposing too much skin, pair a crop top with some high waisted shorts.

7) This spring you can't go wrong with denim. From shirts to jackets to skirts, light-colored retro denim is in this season. Denim look-a-likes work too!

8) If you're looking for something new, try sheer maxi dresses. Think of the typical maxi dress but with a sheer bottom. It's definitely a different look and something to be worn only by the most fashionably courageous women. So if you are tall enough and confident enough, go ahead and rock this edgy look!

partake in some delectable food-oriented traditions.

rather embrace it.

My upwards of 50-person family (I'm serious) gathers in my cousins' home on the Upper West Side of Manhattan, much like Alvy's. In preparation for this meal, my grandmother, identical twin great aunts and cousins cook for days.

Cousins and other family members fly in from everywhere from San Francisco to Palm Beach. We pray, drink and eat together. Although many of us dread giving up our carbohydrate addictions,

this holiday is an excuse to come together from all over the country. Moreover, it is an excuse to

partake in some delectable food-oriented traditions.

Ah, the matzo ball. A delightfully plump, soft ball of deliciousness, a matzo ball is made from, well, matzo meal.

My grandmother's recipe undoubtedly contains more intricate flavors. Yet, her recipe is a secret, so you'll have to take my word for it. The matzo balls are served in homemade chicken soup. The soup is simple — chicken stock, vegetables and pulled chicken meat. We add dill for an extra kick of flavor.

For dinner this year we had filet mignon. It was rubbed with

salt, herbes de provence and a tablespoon of olive oil.

The meat was served medium rare, more towards rare than medium. It was as tender as could be. For sides we served a plethora of vegetables and potato cakes. The mini cakes are shredded potato with some form of kosher-for-Passover oil. We add salt and pepper and bake them until they are golden brown.

They are crunchy on the outside, softer on the inside and are a true Passover treat.

Dessert is the pinnacle of the meal. This might seem counter-intuitive, as things that rise are dessert staples. Yet if you get creative, dessert can really be enjoyable. We have the same homemade desserts every year. First, a sponge cake.

This is not my personal favorite, but it seems to disappear quickly every year. The consistency is exactly how it sounds: sponge-like. There is lemon in it to give it a boost taste-wise.

We make chocolate French macaroons too. Not the coconut macaroons, but rather, the inherently egg-white ones.

They are thin, airy, chocolate cookies made of egg whites, milk chocolate, sugar and chopped walnuts. They are at once sweet from the sugar and chocolate and darker in flavor due to the walnuts.

Candied matzo, which is matzo dipped on one side in milk chocolate and on the other in some brown sugar concoction is top-notch. We finish off the Seder with fresh fruit, and are full for days.



ANNE FABER/GRAFICS EDITOR

# THE JOHNS HOPKINS NEWS-LETTER

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

## Editorials

### What federal budget cuts could mean for Hopkins

Over the last few months there has been a lot of debate in Washington and in the media about reducing federal spending. Currently, the national debt stands at over \$14 trillion. The government is running deficits of over \$1 trillion per year. On April 14, Congress avoided a shutdown by passing a compromise budget that will fund the government for the rest of the fiscal year.

The budget that Republicans favored was crafted by Rep. Paul Ryan and contained major spending cuts to numerous programs, especially to those designed to aid the elderly, children and the poor. More relevant to the Hopkins community, however, were the proposed cuts to funding for scientific research.

The Republican plan would have cut \$886 million from American physics labs. Their plan would have cut spending for the National Institutes of Health by \$639.5 million. It would have canceled a \$700 million program meant to modernize and maintain the United States' network of satellites that monitor weather and the climate. Republicans wanted to cut a \$338 million program for climate change research. Furthermore, the Center for Disease Control, the National Science Foundation and the National Institute of Standards and Technology would all have suffered from cuts if the Republican budget had passed. In total, it would have reduced federal funding for scientific research from around \$30 billion to about \$25.6 billion.

Many of these cuts were avoided when President Obama negotiated a compromise with the House Republicans but on April 15 the Republican controlled House passed a budget for the 2012 fiscal year, setting up a major battle with the President. This plan, also crafted by Ryan, is meant to significantly shrink the long-term deficit. In the process, though, it would reduce research funding from \$101 per capita in 2010 to only \$73 per capita in 2021.

When it comes to politics, the Hopkins student body is often apathetic. Many

would rather spend their time studying for exams than pay attention to policy debates. These proposed cuts, however, affect all of us, and not just because, in the words of Raymond Orbach, who served in the Department of Energy under President Bush, these cuts "would effectively end America's legendary status as the leader of the worldwide scientific community." If the GOP is able to get away with their plan to gut funding for scientific research it will be a disaster for Hopkins. In 2009 we received almost \$2 billion in research funding from the federal government. This money makes it possible for hundreds of Hopkins students to work in labs, enriching both their educations and their résumés. With this money our school has advanced many areas of science and saved thousands, perhaps even millions of lives.

The Editorial Board recognizes that something must be done to reduce long-term deficits. We disagree with Republicans who want to further reduce taxes for wealthy Americans. If the Bush tax cuts are to expire in Dec. 2012, the deficit situation will be much less dire. This alone would reduce the deficit by 75 percent over the next five years. It is certainly better than reducing the deficit on the backs of the most vulnerable Americans: the poor, children and the elderly.

But scientific research should not be a left-right issue. Scientific research saves lives and creates jobs for millions of Americans, including many Hopkins students. We applaud President Obama's proposed budget for the next fiscal year which, if passed, will increase funding for the NIH by \$1.03 billion, increase funding for the NSF by \$830 million, increase funding for the Department of Energy Office of Science by \$63 million, increase funding for the Agricultural and Food Research Initiative by \$63 million and double funding for energy efficiency research. Increasing our investment in scientific research is good for America and good for Hopkins.

Anne Faber



## LETTERS POLICY

The Johns Hopkins News-Letter welcomes letters to the editor. Letters must be e-mailed to [chiefs@jhunewsletter.com](mailto:chiefs@jhunewsletter.com) for inclusion in that Thursday's issue. All letters received become property of The News-Letter. The News-Letter reserves the right to edit for space, grammar and clarity. Letters must include contact information and cannot be anonymous. The News-Letter reserves the right to limit the number of letters printed.

### Killing two birds with one student union

Recently, Hopkins has made it clear that it is ramping up efforts to attract prospective students. This was evident in the expensive admitted students days that were held last week. Hopkins has tried to combat any doubts admitted students may have about the social life here by sponsoring activities and events that allow Hopkins to strut its stuff.

However, short-term events, though potentially helpful, cannot solve long-standing problems and cannot single-handedly attract students.

A more long-term solution that has been much discussed in the last few years is to build a student union. Naturally, the cost of constructing such a building would be far higher than the cost of admitted students days, but building a student union is a necessity.

In general, the social events that are most disappointing at Hopkins are the concerts. Students often complain that Hopkins does not attract big enough names for its concerts in comparison to other schools. While part of this has to do with the size of the concert budgets, it also is directly related to the fact that Hopkins has no formal venue to stage these kinds of events. Campus groups like the Hop and Spring Fair face this major hurdle that is possibly more limiting than their budget when they attempt to negotiate deals.

At Spring Fair Chiddy Bang performed in Levering Quad. Lupe Fiasco performed in the Rec Center last fall. Both are spaces that were not intended for performances.

Using these locations, especially the gym, as concert venues causes several problems. First, it limits the size of the concerts significantly, leaving many students ticketless. Second, the revenue Hopkins generates from ticket sales is significantly reduced by the restricted audience size. This makes concerts less profitable and stops Hopkins from being able to afford more expensive acts. Finally, specific to the Rec Center, there is the fact that concerts never sound as good when they are held in a gymnasium. This means that attendees are less likely to have positive feedback about the concert.

Another reason that Hopkins needs a student union was highlighted during Spring Fair. On Saturday, when there was rainy weather all day, the Spring Fair activities had no relocation options. The Physics Fair, however, which was always slated to be held in Bloomberg, was very well attended because it sheltered people from the rain.

There are many events that could occur in a student union which are currently being held in the Rec Center, such as the Student Activities Fair. These types of events should not be held in the gym because they detract from the gym's actual function. Using the gym would be acceptable as a last resort, but it should not be Hopkins's first choice for any large event. The addition of a student union in the near future would not only provide a venue for bigger name performers, but it could attract prospective freshmen as well.

# THE JOHNS HOPKINS NEWS-LETTER

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

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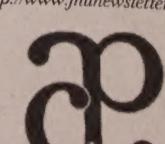
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Mailing Address:  
Levering Suite 102  
The Johns Hopkins University  
3400 North Charles Street  
Baltimore, MD 21218

Main Phone Number: (410) 516-6000  
Business/Advertising: (410) 516-6000  
E-mail: [chiefs@jhunewsletter.com](mailto:chiefs@jhunewsletter.com)

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# OPINIONS

Ian Scott

## Ethical dilemmas and unfair distribution of power: Why lawyers should not be jurors

Currently in N.Y. and perhaps in more states, practicing lawyers are not automatically exempt from jury duty. They can still be challenged or excluded from a particular case, like any other juror, for example, if they have an affiliation with any party involved, but they are forced to participate in jury duty just like anyone else.

To make matters worse, lawyers are instructed by the judges not to use their legal knowledge; in other words they are forced to separate their general knowledge from the information they learned by being lawyers and then withhold the latter from their contributions to the deliberations.

Lawyers were not always forced to participate in jury duty. Only a handful of years ago, lawyers were completely exempt, along with a list of other exempt occupations, ranging from doctor to home care provider. However, there were so many exemptions that there were too few potential jurors. This led to longer terms and more frequent calls for the remaining candidates for jury duty, which got people disgruntled. So the state practically eliminated automatic exemptions. Even judges and elected officials lost their automatic exemptions.

Just because people were up in arms about unfair jury duty policies does not mean that the exemptions should have been abolished. People think that it is better to share the misery of jury duty, but it is not. There are many reasons why this policy should be reversed.

First, there is the very legitimate concern that a lawyer will control the jury. Even if the lawyer does not want to assert himself and lead the deliberation, the other jurors will look to him because of his special legal knowledge. Lawyers will be able to speak on the matters of the trial with the most authority and the other jurors, themselves seeking to find an authoritative response, will naturally

align with the lawyer, whether they realize it or not.

The increasing complexity of lawsuits means that lawyers will dominate juries even more than before. In white-collar crimes, for example, where there are many legal intricacies, more jurors would be overwhelmed by the mass of evidence, if not clueless, and turn to lawyers for guidance.

In order to prevent this undue influence, courts rather dubiously instruct lawyers not to use their legal knowledge, but only their general knowledge. While that may seem reasonable enough in, for example, a simple car accident case, this request is often incredibly difficult for lawyers to comply with because they view it as a conflict of conscience. Many lawyers feel that they cannot split their minds because it is impossible to have general knowledge when being a lawyer affects the way they think about anything.

This leads into the ethical dilemma of this policy. On the one hand, lawyers, like all jurors, have an ethical duty to deliberate with a full mind to the best of their ability. A refusal to communicate in deliberations is usually jury misconduct. On the other hand, they have the legal duty to exclude any knowledge they have from being lawyers. These two duties directly conflict with each other and neither should ever be compromised. But by compromising and neglecting one of these duties, lawyers are compromising the legitimacy of the trial.

A non-lawyer juror could say, for example, "based on the testimony and evidence, this sure looks like larceny to me." A lawyer, who would most likely

know exactly what larceny is, would either have to withhold his knowledge from his fellow jurors (and risk wrongfully convicting or acquitting the defendant) or break his oath to the judge that says he will not use his legal knowledge. It is sacrosanct that only the judge can instruct the jury as to the law, but many lawyers would feel incredibly conflicted if another juror were to say: "I didn't understand the judge's instructions at all.

ment of their professional life, and sit around waiting for a jury selection hearing. Then, they will, for the vast amount of cases, not be selected.

Both the prosecution and the defense attorneys have peremptory challenges. This means that they can veto certain people in the jury pool for no reason (as long as it is not a race or gender based challenge). Typically, prosecutors do not want loners, but rather people who are going to conform to

ly side with the lawyer. Both sides do not want one person to have undue influence over the jury because it is such a huge risk.

It is important to note that there valid arguments for why lawyers should not be exempt. It is only fair that everyone participates in jury duty. After all, juries should be a large cross-section of society and once exceptions are made, the jury is not truly an accurate representation of the community. Furthermore, professional and educational based exemptions such as this one will lead to homogenous, not well-educated juries, which is not ideal for most types of cases.

Some lawyers are comfortable with the concept of thinking like a layperson and not using their legal knowledge. They are able to add diversity and a fresh perspective to the jury with their general knowledge. However, by separating their knowledge, these lawyers are doing a great disservice to the justice system. Jurors are required to deliberate to the best of their ability, which they cannot do if they withhold knowledge.

If lawyers were allowed to use all of their experiences as a lawyer to help them deliberate, they would not have any ethical qualms. However, they would, in a large percentage of trials, dominate the jury and unfairly control the legal process. That is something that cripples the justice system and cannot be allowed.

For this reason, lawyers should not be allowed to serve on juries. Yes, the jury pool would be less diverse and less representative of the citizenry, but not by a hugely significant amount. The pros definitely outweigh the cons and this contradictory policy should be overturned.



ANNE FABER/GRAFICS EDITOR

Did you? Can you explain what the judge meant?" Technically the answer is no, the attorney-juror cannot.

Another reason why lawyers should have blanket exemptions is that they will never be selected for a jury in the first place and it is a waste of taxpayer money to call them in. Lawyers almost always come in, at the taxpayer's expense and to the detriment

of the rest of the jury. Defense attorneys want people who will not conform and are willing to stand their ground even under intense pressure from the other jurors.

Lawyers often are the subjects of these peremptory challenges. Both prosecutors and defense attorneys know that the lawyer is the only person they have to convince because the rest of the jury will like

Ian Scott is a freshman International Studies and economics double major from New York, N.Y. He is the Opinions editor for The News-Letter.

## Judiciary committee unfairly disqualified SGA candidate

By SCOTT BARRETT

I should have known this was going to happen to me. Every exploitation of a crack or loophole has come back to haunt me. This attempt at self-pity is in reference to my disqualification in the Vice Presidential SGA Executive elections, which took place a couple weeks back. While I am certain that my actions did not violate the election rules set out by the Center for Student Election's constitution, ultimately it will be you who must decide.

Last year, only 33 percent of the student body voted in the SGA Executive elections despite the SGA's annual allocation of \$30,000 at its disposal. In the interest of increasing voter turnout, I felt it was necessary to reach out to and connect with as many voters as possible.

One of these methods was to litter the campus with lawn signs, which clearly worked given that numerous members of the administration, including Athletic Director Mike Mattia, complimented my efforts.

Being a member of the JHU baseball team, Mr. Mattia and I have had our share of interactions. In an effort to express to student-athletes the benefits of having a student-athlete representative on the SGA executive board, he graciously offered to endorse my candidacy. I accepted, and he sent out an e-mail to the student-athletes on campus. Seems like a harmless act, right?

Apparently not, considering I was cited for violating Article IV, Section f(iv) of the CSE constitution which reads, "No candidate may use any listserv or mass emailing services of student groups of organizations in which Johns Hopkins undergraduates are members of."

The Athletic Director, who is not a candidate as the rule stipulates, did not use a listserv or mass e-mailing service, but instead used a list of individual e-mail addresses sent to each athlete's individual address.

Seems permissible right? Every can-

didate is given a copy of the constitution prior to the election.

I read the constitution, saw an opportunity, realized that an action like this was legal and therefore went through with it. After being disqualified by the CSE, I proceeded by appealing to the SGA judiciary, who is the foremost ruling body on these decisions.

Their response commenced as follows, "We understand your arguments concerning the language used in this

also disenfranchised the 760 people who voted for me. That is not in the true spirit of democracy, given that it awarded an automatic victory to the only other candidate running.

Aside from that, the action that I was purportedly guilty of is a completely unprecedented one, and thus I am unfairly being made an example of.

The judiciary should have recognized that the numerous arbitrary factors involved do not justify disqualification, and instead ought to have proposed amendments to ensure that a situation like this one does not arise in the near future.

I think I can make an exception and just use the cliché, "the punishment does not fit the crime."

If I had only won by a small margin, I would have accepted that Mr. Mattia's e-mail accounted for my victory.

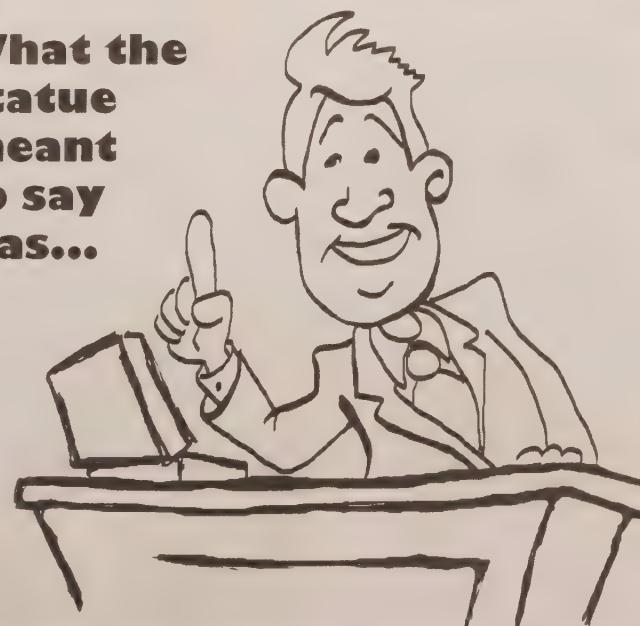
However, the 130 vote margin was large enough that my victory was not solely the result of Mr. Mattia's e-mail. Those 600 are fellow-student athletes that I know and see nearly everyday, and I was confident that I would receive their vote.

So despite the fact that I blatantly did not violate any constitution rules, the judiciary still did not recognize that the e-mail had no bearing on the outcome of the election.

After meeting with several administration members who were reluctant to take action in a student run organization's decision, unfortunately my only options now are too arduous to undertake.

I am grateful that I was given the opportunity to explain why many of you were disenfranchised in this election. Putting all voter numbers aside, while it is important for rules to be adapted and amended, the time to do so is not in the middle of an election.

**What the statue meant to say was...**



ANNE FABER/GRAFICS EDITOR

section; by definition you did not utilize a listserv or mass emailing service, however the Judiciary believes that the spirit of this section does indeed cover emails of your type."

Wait, what? What does that mean? How can you violate a law in an overarching document such as a constitution "in spirit?" Like I said I should have foreseen being the victim of such nonsense.

So you might be asking yourself, yeah so what, the judiciary provided their own very loose interpretation of the constitution.

Well, to complicate the situation more, I ended up winning the election by 130 votes. That's nearly a quarter of the votes that I received in the first place. I'm pretty sure that constitutes a landslide victory.

So, not only did the judiciary interpret and amend the constitution in a way to account for its deficiencies, but it

## Credit rating report should be a big wake-up call for Obama

By MERRILL ANOVICK

This past week one of the world's premier rating agencies, Standard and Poor's, downgraded the outlook on United States Credit from "stable" to "negative." The United States has maintained a perfect Triple A stable rating for the past 70 years, when the S&P first rated government debt. Now the organization says there is a one-in-three likelihood that they will lower the rating over the next two years.

While this may seem relatively insignificant a downgrading of United States debt offerings could have catastrophic effects on the government's ability to function and could make borrowing expensive and burdensome. This announcement comes amidst a monumental budget debate that has all but stagnated. The S&P's decisions should serve as a wake up call to our federal government and should fundamentally change the discussion on debt.

While the President continually admits the budget is a pressing and concerning issue he does little in the way of action to back up his rhetoric.

His own commissions to evaluate the debt have suggested that the only way to reign in massive deficits is to attack the third rail of politics: entitlements. Yet on Feb. 14th the President submitted a budget recommendation that failed to seriously address Medicare, Medicaid and Social Security, the three largest entitlement programs in the country.

The President's very own commission suggested aiming for a target deficit of 2.3 percent of GDP by 2015 down from 10.9 percent in the prior fiscal year. Again the President's budget ignored these recommendations and instead looks like the same CBO projection the S&P evaluated when threatening to downgrade our debt rating.

As the Americans began to recognize the imminent crisis they started pressuring their politicians, including President Obama, for answers.

But instead of coming to the table with realistic solutions the President responded with a partisan and divisive speech that spent more time blaming the prior administration and Republicans for the current problems then offering a legitimate solution. At a time when the nation needed a leader to guide them through the difficulties behind austerity

the President instead drove a stake even deeper between the two parties making a promising budget deal even more unlikely.

While President Obama is quick to critique the budget proposal set forth by Congressman Paul Ryan, the Republicans plan includes many of the suggestions set forth by the President's own commission.

The Ryan plan aims to bring government spending to below 20 percent of GDP and includes age adjustments in Social Security, Medicare privatization for those who can afford it and across the board tax cuts in an attempt to sustain the recovery. While Ryan's plan is bold, maybe too bold, it accomplishes one task Obama's plan does not: it reduces the debt to a point that the United States would retain its invaluable Triple A rating. Ryan should be applauded for having the audacity to introduce a budget that addresses concerns that have been swept under the rug for far too long.

The potential downgrading of United States debt, as assets that has long been considered to be the safest investment in the world, should serve as a rude awakening for our country's leaders.

The debt is not an issue that will affect us tomorrow but rather one that will impact us today. The United States cannot afford to have a President who prefers to play politics with the budget instead of proposing realistic solutions. President Obama has the ability and opportunity to enact great change in this country by fixing a problem that so many others, Republicans and Democrats alike, have ignored.

The President must be willing to cut areas that will hurt him in the polls including but not limited to Social Security, Medicare and Medicaid. At the same time Republicans must be willing to be flexible with their demands and consider taking money from Defense and considering holding off on excessive tax cuts.

The S&P has stated that it does not believe the federal government is capable of reaching an effective budget deal by 2012. It's time for President Obama, Republicans and Democrats to step up and prove them wrong.

Merrill Anovick is a freshman economics major from Ridgewood, N.J.

Scott Barrett is a junior International Studies major from Gladwyne, Penn.

# NATIONAL STUDENT EMPLOYMENT WEEK

@ JHU



The University celebrated  
National Student Employment Week  
April 4-10, 2011.

## 2011 Student Employee of the Year Nominees



Sarah Abbott, Kristen Arai, Andi Anderson, Alvaro Hilario, Jennifer Breyer, Emily Caron, Kristin Fox, Leah McPiccolo, Julie DePasquale, Alisa Drubin, Thuyennhien Le, Jennifer Peasley, Amber Faust, Camille Givens, Kristina Hidalgo, Deborah Hwang, Sharon Kim, Lay Kudama, Daniela Kusmicki, Summer Lai, Jennifer Lai, Charlotte Lutz, Catherine Lewis, Charissa McGehee, Kristina Milton, Steven Pfeifer, Sarah Polkare, Marilou Park, Eileen Russell, Parveen, Raymond Park, David Sandbom, Komal Saini, Jessica Shao, He Yuanjian, Divya Singh, Bo Tan, Marika Tang, Jason Toffin, Wolfgang Wagner, Diane Weinberg, Maxwell Wieder, Courtney Wilson, Kenny Xu, Ma-Yu Zhou (not all nominees pictured above)



### Student Employee of the Year 2011

Bozhou (Bob) Huang  
Johns Hopkins Technology Store

## Congratulations

Supervisor of the Year 2011  
Frank Richardson  
Campus Safety & Security



"I had no experience when I was hired by the JH Technology Store. It was a new venture for the University and brand new position. I was allowed the freedom and flexibility to make the job my own. - Bozhou Huang

**Many departments chose to celebrate the week by giving their students a special treat!**

"The students who work for Escort Services aren't planning a career in Campus Security. However, when they leave Hopkins, they will take the life lessons they have learned from their student jobs with them; whether they go into medicine, engineering or the sciences."

- Frank Richardson



## 2011 Supervisor of the Year Nominees



Pam Arrington, Arnold Bakker, Ryan Hagen, Matthew Hardy, Paul Jacobus, Allison Okamura, Frank Richardson, Deborah Savage, Dr. Alena Savonenko (not all nominees pictured above)



Joan Freedman, Director of the Digital Media Center was the keynote speaker at the Student Employment Awards Ceremony.

### Highlights of her speech:

- Malcolm Gladwell's book, "Outliers," states it takes 10,000 hours to get really good at something. Find your unique skill or talent and practice that throughout your work life.
- So how do you find the perfect job? While you are on campus, try working for a variety of offices and departments to see which discipline interests you most.
- Everyone can be a mentor - let this be a force that guides you."

Picture Gallery • Contest Winners • Prizes  
Student Jobs @ JHU • visit [www.jhu.edu/stujob](http://www.jhu.edu/stujob)

# THE B SECTION

Your Weekend • Arts &amp; Entertainment • Cartoons, Etc. • Science &amp; Technology • Sports

APRIL 21, 2011

## BLUE JAYS FLY HIGH



**TAMING  
THE  
WILDCATS  
PAGE B11**

**CRUSHING  
THE  
TERRAPINS  
PAGE B12**



**FISH  
INSOMNIA?**

**PAGE B1**



# YOUR WEEKEND APRIL 21-23

## Professors more lenient around Passover season



Hopkins hosts a variety of events for Jewish students at Hopkins during Passover

By EMILY NADELMANN  
Staff Writer

Monday, April 18th marked the first day of the Jewish holiday Passover this year.

With over 10 percent of undergraduates who are Jewish, many students wondered what the University's policy would be for students missing class because of Passover.

"Students do not get off for Passover or other religious holidays because Hopkins is a secular institution," professor and Vice Dean for Undergraduate Education Steven David said.

The University does not give students the day off for any religious holidays, including Good Friday and Ramadan.

However, Hopkins professors have been quite understanding of students who are observing this holiday.

"We do try to impress upon faculty to excuse student absences for religious holidays and to refrain from scheduling exams and other critical assignments during those days," David said.

Vice Dean of Science and Research Greg Ball said that though there is no explicit policy for Passover, he allows his students to miss class.

"The University's policy is to try to accommodate students as much as possible who need to miss class for religious holidays," he said.

"I excused a student from my seminar class and let them change when an assignment was

due because of Passover. We are a secular University, which does not generally give days off for religious holidays. For example this coming Friday is not a holiday at Johns Hopkins."

Freshman Leah Granovskyaya missed class on Tuesday to attend a Passover seder. "I feel like some professors could have been more understanding of missing class for this holiday," she said.

However, other students did not feel the same way. Freshman Allison Borko felt that her professors were very sympathetic when she missed class.

"I e-mailed my marketing professor about attending a Passover seder," she said. "I went to class to take our quiz, then left afterward to attend my seder. Everything worked out very well."

There are several more upcoming events to celebrate Passover beginning Thursday, April 21st. Java with JON Matzah and Cream Cheese is from 1 p.m. to 2 p.m. in Gilman Hall.

Later from 4 p.m. to 5 p.m. there is an opportunity to celebrate Passover at Roland Park Place, where you can visit "some old-timers" and spread the Passover joy to them. Transportation will be provided, and there will be a re-telling of the story of Passover.

Finally, beginning at 5:30 p.m. in the lobby of Wolman, an event sponsored by the JSA will give you a chance to make your own matzah pizza and learn about Passover.

Passover ends on Tuesday evening, April 26th.

## Earth Week at Hopkins to include variety of events

By FLORENCE LAU  
Your Weekend Editor

Hopkins Earth Week continues through Saturday with a myriad of events

**Thursday, April 21:**  
12 — 5 p.m. at Levering Plaza  
Free clothing exchange & eco-crafts workshop

**Friday, April 22 (Earth Day):**  
11 a.m. — 3 p.m. on the Breezeway: Sustainability trivia with SHIP

12 — 1 p.m. at Hopkins Hospital, Hurd Hall: Lessons from the Paperless Professor — paper-free office workshop

4 — 7 p.m. at JHMI, Ross Courtyard: Earth Day Happy Hour and free electronic waste recycling drive

6 — 8 p.m. at Remson 101: *The Garden* movie screening

**Saturday, April 23rd:**  
10 a.m. outside Charles Street Market: 32nd St. Farmers' Market Trip, picnic in the park

Be sure to check these events out and support Earth Week!



COURTESY OF BAYCOUNTY-MI.GOV  
Earth Week helps promote sustainability.

## Finding the best subs in B'more

Choices in sandwiches and subs are both abundant and delicious in B'more's Little Italy



COURTESY OF ARGENTIPIZZA.COM

If you're looking for a good sandwich to take on a picnic, be sure to check out the Italian subs and sandwiches around the area.

**I** might be biased, but Italians are pretty damn awesome. It's common knowledge that Little Italy is the safest neighborhood in inner Baltimore. Plus, we Italians make some mean sandwiches.

Since picnic weather is upon us and I would hope you'd leave the sandwich-making to professionals, I'm going to take you through some of Baltimore's best Italian delis. We'll start in the county and move south.

Pastore's Italian Deli on Loch Raven Boulevard in East Towson offers a fine selection of imported and domestic Italian meats and cheeses.

If you have a working knowledge of Italian consumables, feel free to make your own. Otherwise, I suggest hot sopressata, domestic prosciutto, sharp provolone and salami.

If you like "spice," then you might want to ask for some hots; they just add a little tanginess to your sandwich.

Be careful, Pastore's isn't open on Sunday, so you'd better have a back up.

Oh wait, I have the back up.

It's Mastellone's Deli on Harford. Their Old World subs are equally as divine as my own concoction at Pastore's. Plus, there is a debate raging (in my family, at least) on whether Mastellone's bread is better than Pastore's.

To be honest, I like the

Pastore's

bread consistency, but the flavor of Mastellone's might edge out Pastore's. But Mastellone's crunchy bread is like Peanut Butter Crunch: it might cut the roof of your mouth. Of course, I might be exaggerating, but the crust of Mastellone's bread is very . . . crusty.

Next is a deli I have honestly never been to, but I love solely due to its reputation. Trinacria Foods. They label themselves the best Italian deli in Baltimore.

Word has it their wine selection

is pretty impressive. Plus a birdie (my parents) tell me that their Italian sub ranks up there with Pastore's and Mastellone's. That same birdie claims that these Italians are nicer than normal Italians.

In SI units of niceness (the Bambi) for the average Italian is about 34 Bambis. That means that the folks at Trinacria's must have northwards of 50 Bambis. That's a lot of big-eyed faun. On an unrelated note, you should all start using the Bambi to describe nice ness. I'm trying set a trend here.

Finally, if you want to picnic at Patterson Park, you should try DiPasquale's on Gough (that's Goff . . . I think) Street. I heard from a Lebanese that they have the best French baguettes that are supposed to be Italian bread. Now, there is something you should know: there are a bajillion (or two) DiPasquale's stores. I have this theory that they are all related. I'm not sure, but everyone in Baltimore is related somehow. Hell, I'm "related" to Martin O'Malley on my mother's side, except when I get pulled over by state troopers.

Y'all are officially informed of my awesome Italian brethren's delightful shops.

So whenever you need a sandwich fix, get yourself over to my Ferrante-approved shops. I guarantee your picnic will be outstanding, stupendous and out of this world . . . but in a Baltimore park.

## Calendar of JHU Events

### Thursday, April 21

The Spatial Foundations of Race  
6:30 p.m. — 8 p.m.  
Hodson 311

This symposium featuring several professors will touch on the themes of Professor Connolly's newest book, *A World More Concrete: Real Estate and the Making of Jim Crow South Florida*.

### Friday, April 22

The Garden Movie Screening  
6 p.m.  
Remsen Hall

Hopkins Sustainability is showing this Oscar-nominated documentary that addresses the social, sustainability and political issues a group of urban immigrant farmers in South Central Los Angeles face while working to save their community garden.

Night Market 2011  
2 — 5 p.m.  
Mattin Courtyard

JHU TASA is presenting an afternoon of food, games and live performances in the Mattin Courtyard. There will be plenty of Chinese

All Nighters A Cappella  
8 p.m. — 12 a.m.  
Bloomberg Auditorium

The JHU All Nighters will be performing in their annual spring a cappella concert, where they will be showcasing songs from a variety of artists, including Muse, Phil Collins, Radiohead and more. Admission is free.

### Saturday, April 23

32nd St. Farmers' Market Trip & Picnic  
10 a.m.  
Charles St. Market

The Office of Sustainability is leading a trip to the 32nd St. Farmers' Market for a chance to pick up some local produce. There will be a potluck picnic at Wyman Park afterwards. Meet in front of Charles St. Market.

Night Market 2011  
2 — 5 p.m.  
Mattin Courtyard

JHU TASA is presenting an afternoon of food, games and live performances in the Mattin Courtyard. There will be plenty of Chinese

## Calendar of B'more Events

### Thursday, April 21

Honkey Kong, Boats!  
8 p.m. — 1 a.m.  
Sidebar

Four different bands will be playing at Sidebar on Thursday evening: Honkey Kong, Boats!, The Schismatics, The Marksmen and Younger Years. Entry fee is \$10 for those under 21 and \$8 for those over 21.

### Friday, April 22

Forest and Fish  
7 p.m.  
Metro Gallery

Forest and Fish is a shadow puppet music performance. This is part of an exhibit about the making of Wye Oak's video "Fish" by turning a 14-hour shoot into a 10-minute live performance. The admission fee is \$8, and the exhibit itself closes on April 30th.



DIGITAL DEAD END  
FIGHTING FOR SOCIAL JUSTICE IN THE INFORMATION AGE

COURTESY OF REDEMMA'S.COM

Digital Dead End  
7 p.m.  
Red Emma's

Author Virginia Eubanks will be discussing her new book, *Digital Dead End* and how technology can work both to liberate and oppress. She argues that a technology utopia will not occur simply because of a belief that technology will make lives better. This event is located at 800 St. Paul St.

Back2Back Improv  
8 p.m.  
The Mobtown Theatre

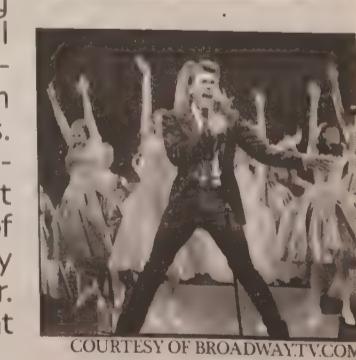
The Baltimore Improv Group is back for two nights in a row beginning tonight and continuing tomorrow. There will be guest troupes both nights joining them. Tickets are \$8 for students and \$10 for general.

### Saturday, April 23

The Bipolar Show  
8 p.m.  
Creative Alliance

Tilted Torch is celebrating their two-year anniversary with a show of mood swings. There will be belly dancing, games, raffles and more. Admittance is \$16.

### Sunday, April 24



The Baltimore All-Star Cabaret  
6:30 p.m.  
Germano's Trattoria

This cabaret will feature a variety of music from jazz to Broadway to opera and more. It's a chance to give back to the community, since the cover of \$20 will go to AIDS Action Baltimore.

# ARTS & ENTERTAINMENT

## Professor talks Mary Magdalene

By BARBARA LAM  
Copy Editor

Professor Adrian W. B. Randolph gave a lecture titled *Donatello and Sculptural Askesis* on Tuesday, April 19th as part of a graduate student lecture series in the department of the history of art. The talk focused on Donatello's Mary Magdalene sculpture, a highly textured portrayal of a starved Mary.

Randolph is a Leon E. Williams professor of art history at Dartmouth, where he teaches courses on art and gender, Renaissance portraiture and Renaissance mythologies.

His research focuses on fourteenth- and fifteenth-century Italy, and recent publications include *Engaging Symbols: Gender, Politics, and Public Art in Fifteenth-Century Florence* (2002) and, forthcoming, *Savage Marriage and the Biopoetics of Renaissance Courtship Boxes*.

"I'm speaking to you today about a sculpture that means a lot to me..." Randolph said, diving into a poetic description of the piece. "Wild hair erupts from her head and cascades down her body in thick, rosy [strands]... like a writhing mass."

The statue stands over six feet tall in the Museo dell'Opera del Duomo, in Florence. She is made of poplar wood with polychromy and gold, and her face is a terrifying shell of sunken flesh, highlighted by recessed eyes and a toothless, parted mouth.

Randolph continued to describe

her as "humanly alive, yet skeletal... a living being in the state of physical reduction." Her arms and legs show muscular strength though, symbolic of her endurance in the face of ascetic adversity.

The statue is a representation of Mary during the time she retired to the cave La Sainte-Baume in the Marseille region of France. There she lived in penance for the last 30 years of her life, seeking solitude in the wilderness. Randolph drew on several features of the statue and compared them to other portrayals of Magdalene in art history.

Donatello's Magdalene has long, robe-like hair that covers her body in modesty, with several strands tied around her waist like a kind of chastity belt. The portrayal of her hair as one large mass reaching to her knees was inspired by earlier depictions of Magdalene, and Donatello's masterpiece itself inspired later reinterpretations where she is shown in fur-lined clothing.

Its length served as a temporal marker — the passing of many years inside the cave — and also as a geographical distinction between the isolating urbanity of Florence and the wilderness in which Mary sequestered herself.

"Her hair was a marker of her self-scourging," Randolph explained. Her gaunt features reflect a lack of earthly food, "but she was granted divine nourishment... By giving his Magdalene visible strength, [Donatello] reminds us of this paradoxical nourishment."

Magdalene's hair is easily the most intriguing aspect of this statue, which depicts her naked except for the long tresses coiling around her body. Her locks are painted with streaks of gold, which serves not only as contrast to the dull wood surface but also as a renunciation of urban luxury.

Donatello's decision to carve her from wood and then to paint her in a monochromatic scheme emphasizes the ascetic nature of the statue. Abigail Hoglund, a junior in the history of art department, enjoyed the lecture, noting that several of the artworks he used in comparison had been reviewed in her art history classes, which prepared her for his very technical talk.

"It was dense but I thought it was really interesting to hear his thoughts on Mary Magdalene," Hoglund said. "I really like this sculpture. I think it's a lot weirder than Donatello's other ones."

While Randolph's talk was not as accessible as previous lectures in the history of art series, both the professors and students in attendance appeared to appreciate his knowledgeable perspective, and he helped foster both an aesthetic and educational interest in the statue.



COURTESY OF WWW.FRONTPAGE.CCSF.EDU  
Professor Randolph discussed Donatello's Mary Magdalene.

## Hopkins Greek Night shows appreciation for Hellenic culture

By DOYEUN KIM  
For The News-Letter

Last Saturday the Charles Commons ballroom entertained close to 200 people in a celebration of traditional Greek culture.

With the venue awash with nostalgic bouzouki songs and flurries of paper napkins falling upon dancers, Greek Night featured a tasty feast: Pita and tzatziki, Greek salad and cheese pie (Tyropita) were served along with orzo, lamb chops, chicken and pork souvlaki. Dessert included a delicious selection of baklava, custard pie (Galaktoboureko) and rice pudding.

The culinary treats, prepared by Acropolis Restaurant in Greektown, received

much positive response from the guests, and those who attended last year's event were particularly enthusiastic about the greater variety of food at this event.

Now in its second year, Greek Night is in the process of establishing itself as an annual affair at Hopkins hosted by the Hellenic Students Association (HSA).

A diverse crowd of attendees, including students, alumni, professors and people from outside the community, attended the event in spite of the awful, rainy weather.

Soumaya Maghnouj, an exchange student at Hopkins, came with friends who are also exchange students from France. "I've seen similar cultural events like this at my university," she

said, explaining that she was part of the Middle Eastern club at Sciences Po, her home institution, "but they tend to be much smaller."

Others commented on the music and the dancing, which provided an opportunity for guests to participate.

"I have been to Greece before, and it's nice to see the people enjoy their traditional culture here, recreating this environment [for] their home," Claudia Ojeda, a Colombian student who lives in the Baltimore area, said.

The Greeks at the event were themselves impressed by the musical repertory of the Apollo-Nia Band, who have performed at other Greek community events around the Baltimore-D.C. area

and in Penn.

Accompanied by the bouzouki and guitar, the singer Maria Pearce swayed the night along with her musical eloquence.

The dancers of the St. Nicholas Hellenic Golden Coins were also very popular with the guests.

Wearing black with sashes of color around their hips, they performed and taught the crowd various traditional dances. One of the leaders of the group explained each of the dances and their origins while encouraging the audience to join in.

Each dance, including the Hasapiko, the Syrtaki, the Ikariotiko and the Zeibekiko, had distinct rhythms and evoked different emotions ranging from buoyant happiness to heavy sadness.

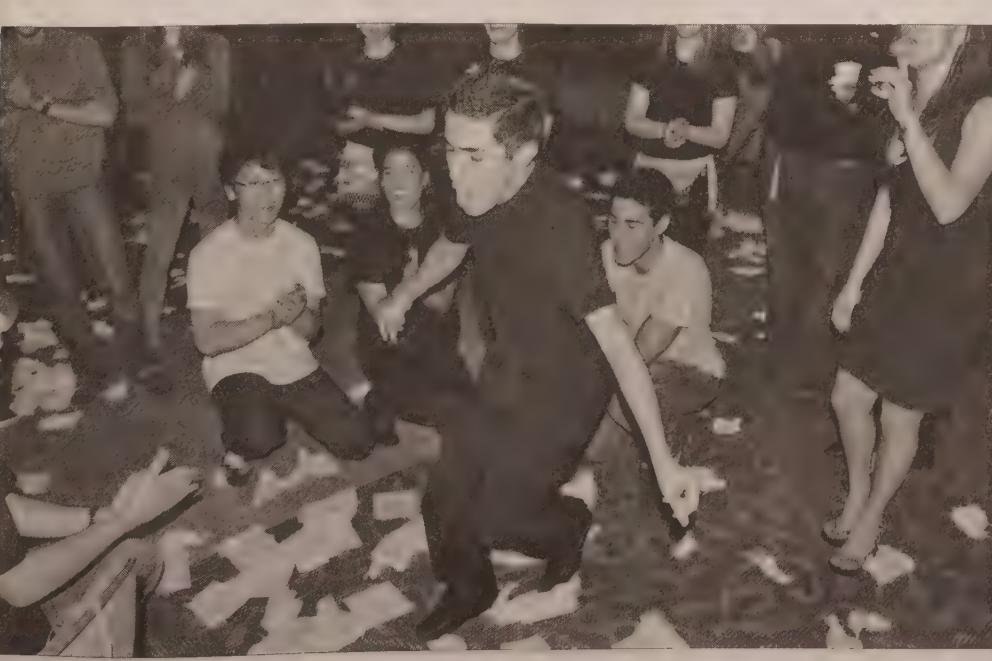
The dance group regularly performs for festivals at the St. Nicholas Greek Orthodox Church of Baltimore and has also performed at the Greek Independence Day Parade in Greektown.

The young performers have been raised in the U.S. but actively practice Greek traditions through their tight-knit community.

Chris Procopos, one of the dancers, said that the group met at the Church and practiced every week. They had another performance scheduled the next day. If the participating guests and the growing dancing train weren't any indication of the evening's charm, the flying napkins certainly were.

The paper napkins, typically sent fluttering over dancers by crowds at Greek gatherings, emulate white flowers thrown at performers in a snow of applause. By the end of the

SEE GREEK, PAGE B4



COURTESY OF DOYEUN KIM

The Hopkins Hellenic Students Association celebrate Greek Night by throwing paper napkins to emulate traditional white flowers.



CAROLYN HAN/PHOTOGRAPHY EDITOR

## Future Islands play Spring Fair

By SARAH SALOVAARA  
Staff Writer

This year's JHU Spring Fair swapped its usual practice field Saturday night headliner for almost 40 live bands and DJs, sprinkled throughout campus the entire weekend.

Or, at least that was the organizers' intention.

Saturday's atrocious weather meant that almost all festivities were put on hold.

The rain successfully drove away all but four food vendors, turning campus — and the always lively beer garden — into an absolute ghost town.

There was nary an audience nor a show time for the eager musicians. Sad stuff.

Some bands took to basements for impromptu late night concerts, but most were left to twiddle their thumbs, with little hope for a rescheduled set. While students were certainly sympathetic to their plight, most were just pleased to hear that the Future Islands show had been moved to Sunday afternoon, though confu-

sion about show times certainly made a dent in the normally numerous attendees.

In Feb., *The News-Letter* interviewed senior Jonah Furman about his Baltimore Curators concert series, and he expressed interest in booking Future Islands for his next show.

Thankfully, Furman was

named a recipient of the Arts Innovation grant, which allowed him to recruit the Baltimore trio and provide them with a proper stage on Levering Quad.

The turnout was impressive, especially for a 5 p.m. show time on a Sunday, although the audience mainly consisted of your average hipster Baltimoreans, while the Hopkins student body was no doubt dwelling in their preferred hot spot of MSE.

For those unfamiliar with Future Islands's music, the band has sinister lyrics and tone, but an inevitably catchy melody.

Anchored by William Cashion's bass and J. Garrett Welmer's synthesizer, though arguably carried by Herring's resounding "Jack Black doing

his best Disney Villain impersonation" vocals, Future Islands is not nearly breezy enough for a new-wave label: post-wave is far more fitting.

Future Islands even opened ahead of schedule, as students shuffled over from the library to the beat of "Inch of Dust," a favorite alongside "In the Fall."

Vocalist Sam Herring was much more talkative than previous performances, but he also kept the crazy to a minimum, which was somewhat disappointing.

He took his fist to his own face just once, between verses of "Tin Man." His knees, however, were as nimble as ever as he danced along with the front rows of concertgoers to an upbeat and well-balanced set.

A new tune Herring tentatively introduced as "The Town" and the encore closer "The Happiness of Being Twice" were practically zingers, bringing the moshing to a maximum.

Alas, it's no one's fault but mother nature's, but it's a pity

SEE ISLANDS, PAGE B4



COURTESY OF WWW.ALLTHINGSOMUSIC.COM

Mash-up artist Milkman played a show at the Recreation Center last Wednesday.

## Hopkins surprises with successful Milkman show

By MELANIE LOVE  
Staff Writer

Who says Hopkins doesn't know how to have fun? On April 13th, Milkman (alias of San Diego mashup extraordinaire Gregg Luskin) played to a packed crowd of undergrads and pre-frosh in the Rec Center.

Though there were the requisite wallflowers who didn't know how to dance to Milkman's distinctive combination of pop/hip-hop/dance, all mashed up into delightfully glitchy, upbeat cuts, the rest of the crowd went positively nuts, grinding and jamming and just generally having a pretty awesome time, especially for a Wednesday night.

Milkman has been perfecting the art of the mash-up since he was a freshman at the University of California, Santa Barbara (majoring in computer science), and he just recently dropped his third album, *Algorithms*, on his own Milkman Entertainment label. Previous discs include *Circle of Fifths* and *Lactose* and *THC*, all

available for free on his website.

Mash-ups are by definition sort of hard to describe, since when done well, they manage to blend a bunch of disparate entities into something seamless that becomes greater than the sum of its parts.

Plus, it's just always cool to see where Milkman is going to pull inspiration from next — his tracks feature just about every Top 40 artist you could ever imagine, Miley Cyrus weaving expertly with The Jackson 5, or Third Eye Blind played over Kanye West.

Best of all, even though the groove is constantly changing, these songs are eminently danceable. The show consisted mostly of cuts off of *Algorithms*, including the awesome '90s flickers of "Look Around," opener "Sky High" which starts out by layering Cee-Lo Green's "Fuck You" and eventually throws in Queen's rafter-raising "Under Pressure," and "Come On," which further mashes up last year's popular

SEE MILKMAN, PAGE B4

## Baltimore favorite Weekends plays Floristree

Word-of-mouth seems to mean less and less as the words increase exponentially and the mouths become unified in space and time, this being of course exactly what is happening as the Internet's role in "IRL culture" rises to prominence.

While the Baltimore underground has held tightly to some of the mainstays of subcultures — uber-free press in the form of zines and flyers, quasi-esoteric lingo (especially revenue names) — it has embraced net forms and integrated them into its arsenal of spreading the word.

So while there is something flattering about being asked where the H&H Building is on a rainy Saturday night, there's less of an insider feel about it than there might have been just five or six years ago.

That's not to say the "scene" has been "infiltrated" (whatever that might mean — and if anyone it'd be Hopkins kids like us who'd have been the infiltrators, no?) — your average H&H-er is still a stinky, young, "alt" early-20-something drinking a Natty Boh.

It's just that you don't have to know the band, or know someone who knows the band, or have any sort of "in" to walk the six flights up the nauseating and graffiti-ed stairwell to Floristree, Baltimore's pre-eminent show-space, the most legit of the illegit venues.

And it's also totally fine to be a little bit late, as we were on Saturday, unfortunately missing openers Rapdragons (note that the Saturday evening JHMI schedule is hourly, meaning you run the risk, especially at DIY venues, of getting there way too early or missing the first act or so).

The resident Copycat rappers (a duo: Greg Ward and Nick Offer) have been working in the city for a while now, and it's interesting to see how they're paired on some Frankenstein DIY bills, performing alongside a variety of post-noise, -ambient, -punk, -hardcore, -music, -etc. acts.

What we did arrive just in time for was the outre Run DMT tuning up, shouting on the edge of incoherence into a heavy-effects mic about the Internet and other miscellany, and slipping into a brief set. Run DMT is just one dude (whom I only know as "Mike"), and sure, there are some affinities with other better-known one-man bedroom-projects, but where Mike's got the edge is in his harder psychedelia. If the chillwavers (whatever are blissfully stoned, Run DMT's

**Jonah Furman  
Abitmore**



COURTESY OF WWW.IMPOSEMAGAZINE.COM

music — and especially his live performance — is always threatening to descend into a bad trip.

The main dude wore a mullet and an oversized white crew-neck sweatshirt, the gleefully pudgy and totally sweaty bassist wore nothing but gray briefs, the guitarist had head-banger hair and none of this seemed all that ironic.

K Records and Nirvana still loom large in the Pacific Northwest, and White Fang was a testament to that, though their subject was more stoner-oriented (cf. one of the tunes that brought down the house, "Stoned and Alone").

And then, of course, as DIY bills tend to do, the night took a totally unexpected turn, with Oregon's White Fang taking the stage. Or, um, not — setting up on the floor in front of the stage, level with the audience (which now is a good a time as any to say consisted of maybe 100 mostly drunk, mostly young folks).

Ostensibly one-half of the impetus for the show occurring at all (almost 3,000 miles away from home, it's very much a part of the DIY ethos for a show to be held to support a touring band), White Fang was somewhat emphatic not a Baltimore band.

In fact, they seemed as dislocated in time as in space, looking and sounding a lot like what pop-punk was before it became pop — which isn't to say straight punk, but the sort of happy boisterous fast, loud, three-chord stuff that seems like it got swallowed up by major labels some time in the late

90s when Blink-182 got huge and corporatized, if not earlier. The main dude wore a mullet and an oversized white crew-neck sweatshirt, the gleefully pudgy and totally sweaty bassist wore nothing but gray briefs, the guitarist had head-banger hair and none of this seemed all that ironic.

Weekends is the duo of Brendan Sullivan and Adam Lempel (Hopkins alum, one of the notable if perhaps few connections Hopkins actually has with

the Baltimore music/arts world), playing loud, fuzzy, lo-fi rock. About progressions over Sullivan's manipulated vocals.

Which is basically everything you could want from an indie rock show in a downtown Baltimore loft at 1 a.m. on a Saturday night — something to sweat wildly to — and Weekends knows it. Despite a couple

glitches with pedals and sound, the duo pulled through, sharing duty on guitar and drums, with Lempel energetically stagediving while shredding, characteristically standing mid-song on Sullivan's kick drum.

After a half-hour set, everybody seemed basically spent. The crowd thinned a bit, people staggering down the vomit-smelling stairwell or braving the rickety freight elevator down to the still rainy Baltimore street, catching cabs or walking back home.

Which somehow didn't stop Winks from setting up his guitar and drum machine and giving a raucous, staggering, sun-glassed set to 20 stragglers trying to get their \$5-worth.

Winks is Chase O'Hara and sometimes Weekends's own Adam Lempel (and maybe others? who can keep track?), and is basically totally pleasant, well-crafted lo-fi rock. About halfway through his set, I witnessed for the first time a performer at Floristree being asked to turn down the volume, being as it was something like 2 in the morning. Whether or not Winks played the second half of the set any quieter, I'm not sure, but we all had some pretty raging tinnitus throughout the \$10 cab ride home.

## Mash-up artist Milkman makes good at Hopkins

Show surpasses both planning committee and student attendees' expectations to pleasant surprise

**MILKMAN, FROM B3**

mash-up "Party and Bullshit in the USA" — it's a meta mash-up!

Though barely 11 p.m., hordes of pre-frosh were streaming out of the Rec Center, the show kept on raging until a little after midnight, with everyone reluctant to stop the party.

Girls were onstage dancing

alongside Milkman, the strobe lights were flashing and enough people were grinding that it seemed like a frat basement.

Some people were suspicious beforehand that any show sponsored for pre-frosh could actually be entertaining, or that any event held in the gym could be a better time than a high school

dance, but Milkman came in and threw down, neatly putting aside any of those misgivings.

One of the highlights of the evening no doubt had to be "Rap Music is Beneath Me," an incredibly eccentric combination of Manfred Mann's "Blinded by the Light," Ciara's "Goodies," Israel Kamakawiwo'ole's "Somewhere Over the Rainbow," and Dr. Dre's "Still Dre" ("I'm representing for them gangsters all across the world / Still hitting them corners in them low low's, girl!") — just to name, well, a ton.

Also of note is a track that had Eminem's "The Real Slim Shady" superimposed with "Chick chick chick chick Milkman" instead of the eponymous "Shady," which made for a cool way to keep Milkman's name in all his listener's heads as the evening sadly came to a close.

Milkman's dance album

*Algorithms*

features high-energy, eclectic mash-ups of popular songs.



COURTESY OF WWW.AMAZON.COM

a series of events designed to show visiting pre-frosh a good time at Hopkins, was an excellent intro into what the University can actually accomplish with some effort on both the part of the administration and the students.

A lot of students were definitely wary and unsure that a school-run show could be this fun. Past events have turned out to be massive failures.

But amid the fervent dancing and throbbing beats, you could hear some older undergrads remarking that this month's concert run of Milkman, Chiddy Bang and Wiz Khalifa is better than any other artist line-up that's played during the entirety of their four years at Hopkins, a stunning vote of confidence for the University planning committee that put the event together.

Maybe it's just the greatness of Milkman bringing about all that school spirit.

Nevertheless, overall, it's just wonderful proof that Hopkins listens to the demands of its student body and is moving in more of a kinder, gentler, more mash-up friendly direction, one that all of the students here can definitely appreciate, and will hopefully keep everyone dancing.

## HSA feeds fervor for Hellenic appreciation

**GREEK, FROM B3**

heaps were strewn across the ballroom floor.

HSA Vice President George Petrocheilos said that Greek Night's success was largely due to the partnerships they have continued to build since last year within the Greek community in the Baltimore area and beyond.

Namely, the support and sponsorship of Aris Melissaratos, an active business leader and member of the Greek community, has been "phenomenal" for this event and to the HSA in general, according to Petrocheilos.

"I hope the Greeks [at Hopkins] can keep on doing this by passing the flag to younger generations."

—OKAY KAYAOGLU,  
HOPKINS GRADUATE

Greek communities in Maryland," Petrocheilos said.

In addition, HSA President Alex Nathan said that their long-term goals included "playing a part in the community of Baltimore," mentioning some of their community service activities.

"Greek Night is also a great way for us to share our culture and add to community life around Hopkins," he said.

Okay Kayaoglu, who graduated from Hopkins last year and now works in NY, agreed that this was a worthwhile community event.

He had traveled from NY to visit during Spring Fair weekend and attended Greek Night.

"I've been to a few cultural events like this [at Hopkins]" Kayaoglu said, mentioning that he had been a part of the Turkish Students Association's "Turkish Night," last held in 2009.

"I hope the Greeks [at Hopkins] can keep on doing this by passing the flag to younger generations."



COURTESY OF DOYEUN KIM

Greek Night is a way for students to share the Hellenic culture with the community.

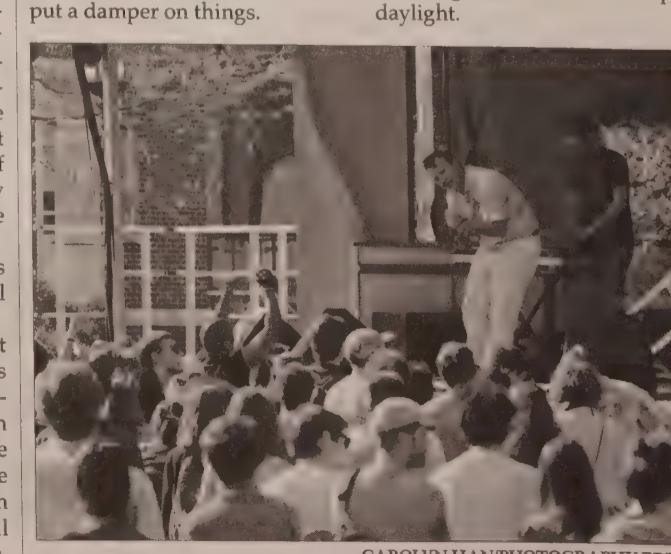
## Spring Fair features Bmore royalty Future Islands

**ISLANDS FROM B3**

that Future Islands were not able to play their slated spot of 9 p.m. on Saturday night.

Though there were plenty of excited audience members towards the front of the stage, there were not nearly enough people grooving to the beats as there should have been.

A Future Islands concert is the right kind of concert, where you can shake out your inhibitions and lose yourself alongside Herring, but the cheery, sunny atmosphere — ironically — almost put a damper on things.



Herring's relatively subdued behavior was a testament to this. He even left the stage momentarily to change into a new shirt.

The usual Herring is too consumed in his performance to even realize where he is, let alone having any sort of inkling that his sweat is seeping through his clothing.

Future Islands's music was beguiling and powerful as usual on Saturday, but it's safe to say that seeing them in a dark concert hall after hours is far preferable to seeing them in the wide-open daylight.



CAROLYN HAN/PHOTOGRAPHY EDITOR

The showcase was pushed to Sunday afternoon after Saturday's massive downpour.

## ARTS &amp; ENTERTAINMENT

# Springtime superheroes take over

The advent of spring brings many things: sweet-smelling cherry blossoms, Spring Fair and day drinking (just to name a few).

Hopkins dons its prettiest garb, just in time for accepted pre-tosh and their anxious families. The beach is full of girls showing their legs to the sun, boys showing their chests to the girls and raucous laughter.

Spring also hails the advent of summer blockbuster films. Superhero, comic book adaptation films to be exact.

Certainly we've seen an influx of this genre in recent years — a steady stream of superhero movies have exploded across movie theaters, some of them good but most of them, well, not great.

Remember *Daredevil*? Ben Affleck starred as a man blinded by acid whose subsequent handicap became a handi-capability. His superhero identity, *Daredevil*, fought crime with his awesome martial arts skills.



COURTESY OF WWW.SCIFIMAFIA.COM

**ARTIST**  
**Atmosphere**  
**ALBUM**

**The Family Sign**  
**LABEL**  
**Rhymesayers**  
**RELEASED**  
**April 12, 2011**

In an industry filled with fakers, it's easy to regard Rhymesayers Entertainment as a bulwark, with Minneapolis-based heavyweights — Sean "Slug" Daley and Anthony "Ant" Davis — hawking the parapet. Yet audiences, once smitten with the meticulously-crafted *When Life Gives You Lemons*, are left puzzling over *The Family Sign* — Atmosphere's regrettably two-dimensional sixth studio album. Sure, it's a thought-provoking affair, if slightly cerebral, but Slug's weathered swagger spoils its pace, exchanging the duo's trademark spontaneity for a paralyzing sense of calculation.

*Family Sign* begins with "My Key," a downtempo opener teeming with malaise. Like a handful of tracks on the album, it eschews form, subsisting on sparse rhymes and melodies that, while minimalist, never quite cohere as one.

Yet Slug gradually enriches the bare bones musicality of "My Key" over "The Last to Say" and "Became," mustering *When Life Gives You Lemons*'s lovely introspection to access more heartfelt realms of existence.

*Family Sign* kicks into high gear with the funk-out "Just For Show," a tune that could've been plucked straight from Seven's *Travels*'s punchy tracklist.

It's weak-pulsed, yes, but Slug's trademark poeticism has an invigorating effect, helping his doddering rhymes regain the same sauciness that first sent shockwaves through the hip-hop circuit.

"Guess that it just wasn't meant to be our destiny / It's upsetting, see, I gave you the best of me," Slug spits bitterly. "All my friends are like, just let her leave / So go ahead and pretend I set you free."

Yet Slug's spirited delivery swiftly loses momentum over the course of "She's Enough" and

*Daredevil*, though not terribly successful in its own right, somehow generated enough of a following to warrant a sequel, cleverly entitled *Daredevil 2*, as well as a spin-off series for love interest *Elektra*, whose title character is played by Affleck's now-wife Jennifer Garner.

But hope is nigh for comic book fans — a whole slew of good movies is on the summer horizon.

Closest to release, *Thor* hits theaters May 8, to much anticipation. Dependent on Norse mythology, the premise surrounds a god who has been cast out of Nordic Olympus — Asgard.

Though personally I am a little wary (Chris Hemsworth, playing Thor, is a virtual nobody. Who will vouch for his acting skills?), the rest of the cast comprises of Hollywood heavyhitters like Natalie Portman and Anthony Hopkins.

Other movies to look forward to in the future include the *Spiderman* revamp, *The Amazing Spiderman*, and Christopher Nolan's third and final installment in his Batman universe, *The Dark Knight Rises*.

Andrew Garfield, of *Never Let Me Go* and *The Social Network* fame, plays a younger, more tortured Spiderman.

The newest take on the age-old legend

promises to be a darker and more psychological thrill ride than the version starring Tobey Maguire.

Like *The Amazing Spiderman*, *The Dark Knight Rises* will be released in 2012, giving us something to look forward to.

Joining Christian Bale, who plays a gravelly-voiced Bruce Wayne/Batman, is the majority of the *Inception* cast: Marion Cotillard as Miranda Tate and Joseph Gordon-Levitt as John Blake (both characters were invented solely for this movie). Tom Hardy, who played Mr. Eames in *Inception*, also joins as the bad guy, Bane, a muscle-bound prison rat possessing both brawn and brain. Cillian Murphy, *Inception*'s Robert Fischer, has already made an appearance in *The Dark Knight* as freaky villain The Scarecrow.

I wonder when Leonardo DiCaprio and Ellen Page will make cameos.

In any case, the future looks bright for comic book-to-movie adaptations. We can only hope that the hype doesn't prove too much, but with actors and directors like these, it would take a disaster for these movies to go wrong.

## Hsia-Ting Chang Ting Talks



COURTESY OF WWW.STARCASM.NET

# Internet and media: friends or foes?

By REBECCA FISHBEIN  
Arts & Entertainment Editor

drivers, bowls of cereal, and animated calendars illustrating the days of the week.

Don't forget the creepy old man rapper ostensibly singing about partying with the aforementioned tweens. Or the lyrics outlining the age-old Shakespearean dilemma as to whether 'tis nobler to be kickin' in the front seat or sittin' in the back seat.

When "Friday" hit YouTube in March, the blog-o-sphere immediately picked up on its über camp potential. There was no question that a music video with a line like "Yesterday was Thursday, today it is Friday . . . tomorrow is Saturday and Sunday comes afterwards" entered into the so-bad-it's-good category.

But the fame that followed "Friday" and Black herself was

more than anyone expected. A mere week after the world "discovered" the video, thousands of parodies popped up on YouTube, including one that boasted a surprisingly pensive fake Bob Dylan cover. Black, 13, gave an interview with *Good Morning America*, and her single shot up pretty high on iTunes's top 10 sales.

Some of the "Friday" hype has calmed down, but Black's 15 minutes don't quite seem to be up. The other day, Stephen Colbert did a rousing rendition of "Friday" with the Roots on *Late Night with Jimmy Fallon*.

Rumors have circulated about a future full-length album and a mall tour. Not too shabby for an eighth grader from Orange County, CA.

Black isn't the only youngster out there who found fame — or at least, quasi-fame — via the Internet. Let us not forget that today's reigning king of teen / tween pop, Justin Bieber, got his start on YouTube as well.

If you can recall, way back in 2008-09 everyone's favorite hoodie-clad cutie hit the big time when videos his mom posted of him singing R&B hits were eventually picked up by an agent.

That's right, folks. The Biebs himself was once nothing more than an Internet sensation. Imagine that. The world must have been a completely different place.

The Internet's ability to reach billions of individuals has pretty much changed the name of the game when it comes to mass coverage. In recent years, news and other media have managed to spread word like wildfire.

There's no doubt that the Internet has lent a positive hand in helping prospective entertainers try to get their names and work out there.

With the rise of DIY music, art and film for instance, artists who might otherwise have flown way under the radar have had the opportunity to get seen and heard.

No agent? No money? No problem! The Internet is populated with thousands of amateur videos and mp3s. Some are pretty bad, but others can be pretty good, occasionally giving their creators a bit of a deserved cult following, and perhaps even eventual fame.

In a world where every piece of entertainment and artistry often feels manufactured, after all, it's sometimes revitalizing to stumble upon an untouched, unmanipulated piece of work fresh off the World Wide Web.

But in Black's case, the Internet might serve more as a method for exploitation rather than for experimentation. Her video — a \$2000 gift from her parents — spawned so much ridicule and hatred that Orange County cops have been investigating death threats against her.

The Internet can be a great forum through which one can generate hype, but it's also a dangerous place to navigate.

It's badly policed and rarely censored, which is wonderful in one sense, but also risky, easily allowing individuals to exploit themselves and others with just a click of a button. Another web sensation, Charlie Sheen, proved this recently with his slew of wild Twitter rants.

It's not that things like Tiger Blood tirades and tween weekend celebrations are bad. It's just that sometimes, they can get a little out of control.

## NEW VIBRATIONS

ARTIST

**Paul Simon**

ALBUM

**So Beautiful or So What?**

LABEL

**Hear Music**

RELEASED

**April 12, 2011**

For the making of his new album, *So Beautiful or So What?*, legendary folk musician Paul Simon apparently came equipped with his trademark gifts — literary-quality lyrics and a sweet, soft voice.

These come together gracefully to form a transcendent collection of songs.

Simon's is gentle-sounding, contemplative music.

Anyone who likes when songs tell beautiful stories and make them think should adore *So Beautiful or So What?*

Paul Simon is of course known for being one-half of the '60s angelic-voiced, poetic powerhouse Simon and Garfunkel, the other half being the less public Art Garfunkel.

The duo shot to fame in 1965 after recording a significant portion of the soundtrack for the groundbreaking film *The Graduate*.

Simon himself is also known for being himself, a supremely talented singer/songwriter. In this album, he lives up to our legendary expectations.

He excels at all aspects of song-creation, but his particular forte is his lyrics.

Those of us who like to read "The Sound of Silence" as poetry can find writing of comparable quality in most of *So Beautiful or So What?*

The album begins with the slightly subversive holiday song, "Getting Ready for Christmas Day."

For this track, Simon samples a sermon by Rev. J.M. Gates.

The powerful voice echoes throughout the song, adding to the full, celebratory sound.

But along with the upbeat melody, Simon brings in some heavier themes.

He throws in the verse, "I got

a nephew in Iraq it's his third time back / But it's ending up the way it began / With the luck of a beginner he'll be eating turkey dinner / On some mountain top in Pakistan."

So for Christmas, Simon would like us to keep in mind important global concerns.

"Getting Ready for Christmas Day" also focuses on the materialism that goes along with the holiday season.

From the perspective of a working-class man, he sings the lines, "From early in November to the last week of December / I got money matters weighing me down / Oh the music may be merry, but it's only temporary / I know Santa Claus is coming to town."

It is a rare and much appreciated Christmas song that deals with holiday-induced consumer stress.

Next is another great song, "The Afterlife."

Here, Simon presents death as being just as mundane as life.

It's full of annoying lines and silly bureaucracy.

The afterlife is even as ordinary as high school, with the newly deceased playing the role of "the new kid in town."

It is not until the end of this song that we get a hint of spirituality, when all this waiting gives way to an experience with God.

"Rewrite," is a clever commentary on the current state of commercial art. Simon's character is working on a rewrite so that he can take his story and "turn it into cash."

This of course involves the removal of difficult subjects in favor of an easy, flashy plot.

So this writer puts in a car chase in lieu of a distressed father abandoning his family.

The story is thus commercialized to supposedly make it more appealing to the masses.

As an artist himself, Simon must know something about the pressure to compromise integrity in order to sell one's work.

Another stand-out track is "Love is Sacred Eternal Light."

This song is extremely complex, both musically and lyrically.

Simon plays around with ideas of God and religion.

At one point, he takes on the voice of God and sings, "Big Bang / That's a joke that I made up / Once when I had eons to kill / You know, most folks / They don't get when I'm joking / Well, maybe someday they will."

It's a bit alarming but his portrayal of God is nonetheless unique and interesting.

This song also contains the explosive lyrics, "Man becomes machine / Oil runs down his face / Machine becomes a man with a bomb in the marketplace."

Make of that what you will, but it's hard to deny the excellence and intensity of Simon's imagery.

"Love is Eternal Sacred Light" is one of three songs on *So Beautiful or So What?* to include the word "love" in the title, the others being "Love & Hard Times" and "Love and Blessings."

Naturally, love seems to be an important theme for Paul Simon.

Another preoccupation in this album is with spiritual ideas.

In many of his songs Simon seems to question religion, but he still remains deeply connected to it.

He writes of the relationship between God and humanity with wonder, sensitivity and skepticism.

The album lulls a bit toward the end. "Amulet," "Questions for the Angels" and "Love and Blessings" are nice but nothing special.

Their melodies are a little slow and dreary, but the lyrics are still excellent.

The album picks up with the last and title track, "So Beautiful or So What."

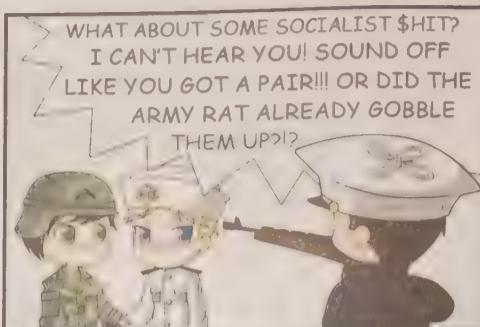
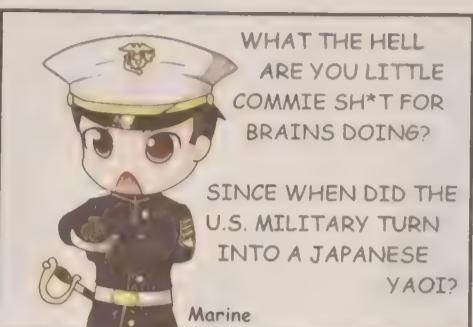
This one is upbeat and catchy, often a necessity for Simon's heavily poetic writing.

As this final track encourages such an assessment, I will say with confidence that the album is mostly "so beautiful" and contains little to make a listener sigh, "so what."

— Alexa Kwiatkoski

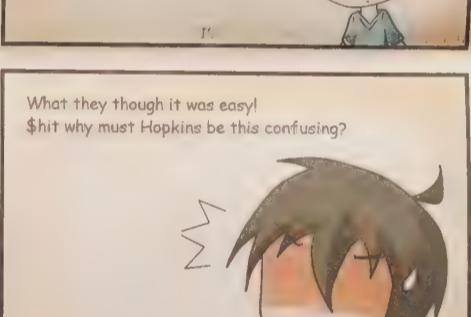
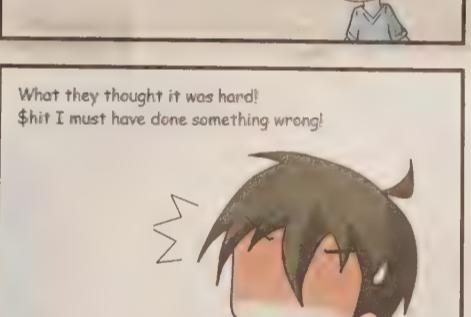
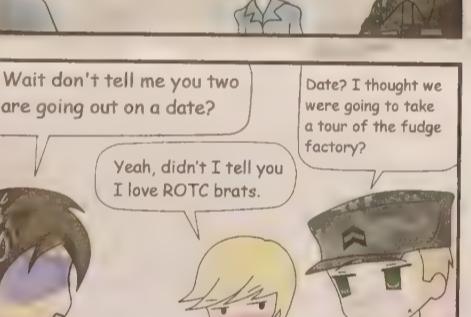
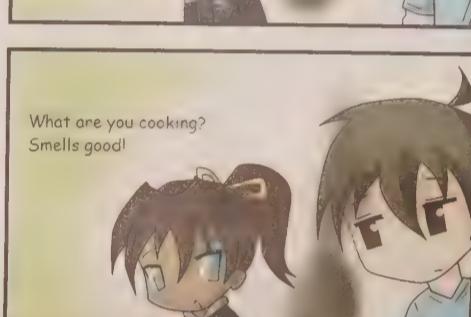
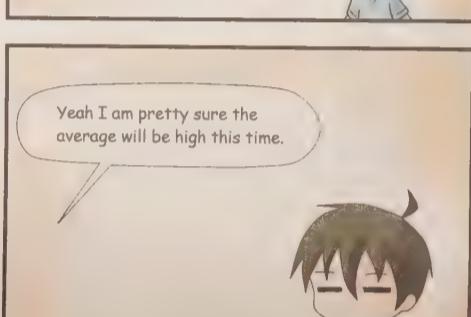
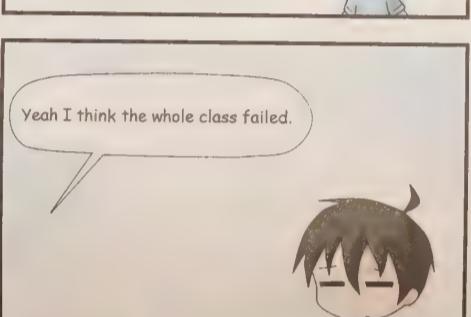
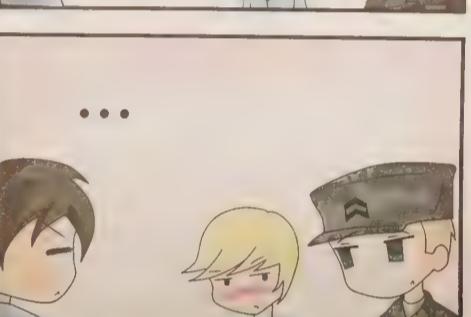
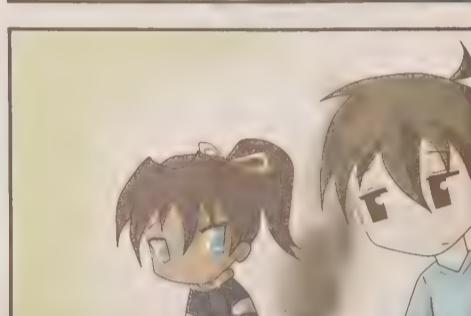
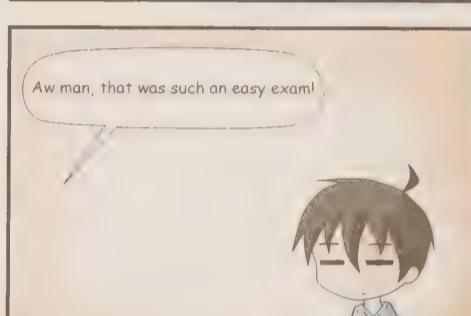
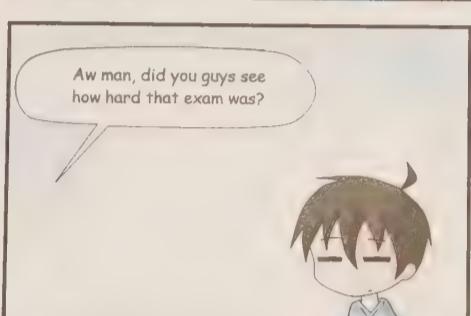
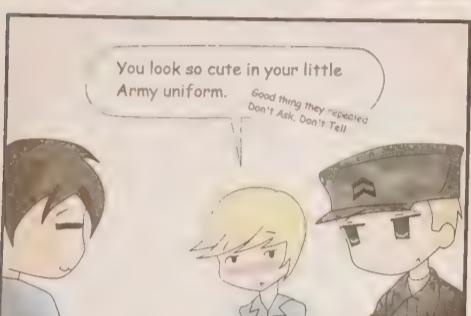
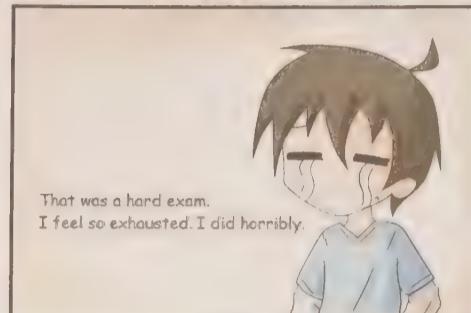
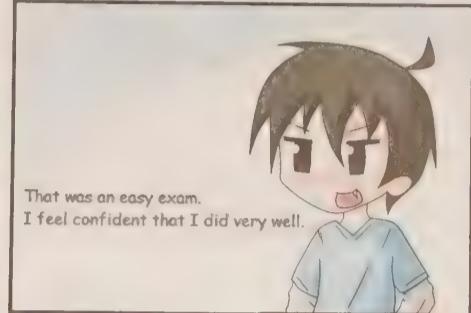
# CARTOONS, ETC.

## Good Night and Good Luck: Marine-kun



By Kevin Stoll Li

## HOPKINS EASILY LIVING LIFE



What they thought it was easy! \$hit why must Hopkins be this confusing?

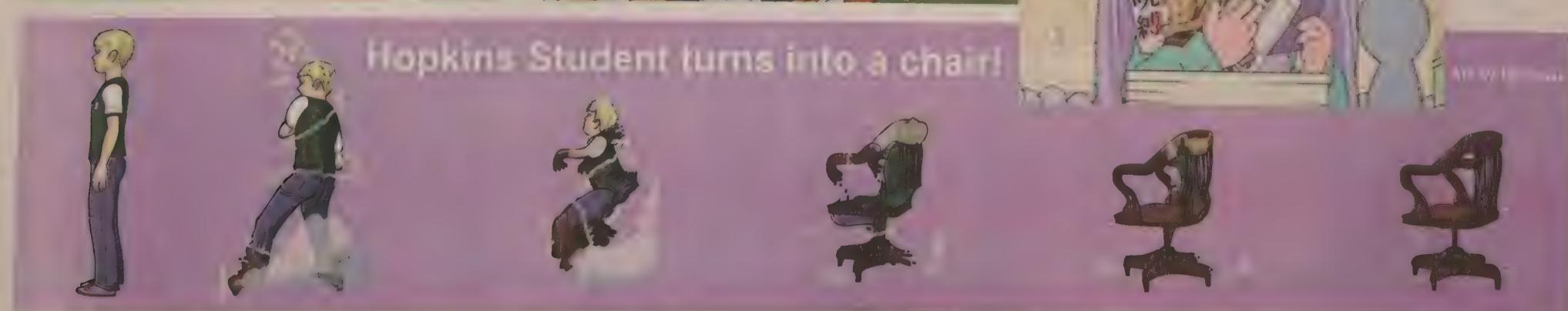
Yeah I am just burning my exam.

...

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Are you a  
Fanboy?  
Otaku?  
Artist?  
Writer?  
YAOI FAN?  
You Are  
Wanted!

**WANTED**  
Artist • Cartoonist • Editors  
for Cartoons!  
Email us at:  
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# SCIENCE & TECHNOLOGY



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Astyanax mexicanus, also known as Mexican tetra, has developed unique sleep patterns

## Blind cavefish may explain sleep disorders

By VIVEK SINANAN  
Staff Writer

Researchers at New York University believe that the sleeping patterns of deep-water fish can possibly elicit a deeper understanding of sleeping disorders in humans.

The study published this month in *Current Biology* focuses on a species of cavefish, *Astyanax mexicanus*. This fish has genetically adapted to the stresses of living in an environment that is deep underwater and usually devoid of any light. One of their major genetic changes is their blindness; they have lost all eyesight and pigmentation in their eyes.

The researchers, headed by biologist Richard Borowsky, noticed that *A. mexicanus* remained relatively more active at night compared to another closely related species of fish that lives near the water's surface and retains the ability to see.

Using three groups of fish that have become separated over their evolutionary history and a control group of their surface rela-

tives, the researchers began to analyze the fishes' sleep patterns.

Their first step was to determine which individual fish were asleep. They concluded that sleeping fish adopt a characteristic pose where they stop moving, drop their tails and fall to the bottom of the tank. Holding this pose for longer than 60 seconds was characterized as sleep. Waking the fish out of this state took three times as long as it did for fish who held the pose for less than 60 seconds.

Their results showed that while the cavefish slept an average of 110 to 125 minutes per day, surface fish averaged 800 minutes, almost seven times that of their bottom-dwelling relatives. Most importantly, the decrease in sleep held across all three groups of cavefish, suggesting a genetic cause of their insomnia.

The group's next step is to investigate the relationship between genes and sleep behavior in humans. From there, the researchers hope to determine if there is a genetic predisposition for sleeping disorders such as insomnia.

## Sense of smell, pain have common genetic link

By SAM OHMER  
Staff Writer

No pain no . . . smell?

Though less catchy than the time-honored platitude, new evidence has emerged showing that indeed, a certain genetic mutation which normally results in the inability to feel pain also adversely affects the sense of smell.

It may be difficult to think about how the sensations of pain and smell could be linked, especially because they seem so very different, but the truth is that the similarity between them is quite basic and fundamental: both pain and olfaction require the activity of a single ion channel called Na(v)1.7.

Na(v)1.7 is a voltage-gated sodium channel and, according to the work of researchers at the University of Saarland School of Medicine, it plays a crucial role in the signaling cascades in both pain sensation and olfaction. The research team was led by Frank Zufall.

Their work has focused on studies of humans with a congenital inability to feel pain. Interestingly, the patients examined for the present study, though probably treated throughout their lives for their painlessness and the troubles caused therein, never even noticed that they were anosmic — that they can't smell. In the process of trying to better characterize and study congenital painlessness, however, researchers discovered that Na(v)1.7 is expressed in more sensory systems than was previously thought.

In further work with mice bred to lack the analog of the gene encoding Na(v)1.7, called SCN9A, the researchers also found that mice who lacked the channel also lacked the sense of smell. However, the problem wasn't that olfactory receptors couldn't sense the odorants in the air. Weiss and Zufall's work shows that the sensory neurons themselves still respond to the odor stimuli; however, the reason for mice's inability to smell lies in the fact that signaling from the



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Individuals who suffer from a congenital inability to feel pain have also been found to have anosmia, the inability to smell

olfactory receptor neurons to their target cells is abolished in Na(v)1.7 mutants.

This evidence supports the idea that Na(v)1.7 is an important component not for actually detecting sensory stimuli, but instead, the sodium channel helps transduce the electrochemical signals sent from one neuron to another when a stimulus starts a chain of sensory activation.

Most likely, Na(v)1.7 is helping to keep action potentials ro-

bust and moving quickly along the length of olfactory sensory neurons' axons. Without working Na(v)1.7 channels, these cells are simply unable to pass on the message that an odorant has been detected.

It is possible that similar mechanisms are at work in pain sensation, wherein a painful stimulus can activate a receptive cell, but if that cell has no ability to pass the signal on to the next step in the pathway to sensation, then it would be impossible to

perceive pain at all. This could of course be a potential gold mine for the pharmaceutical industry, which is constantly seeking novel pain killers.

By targeting Na(v)1.7, it is possible that drugs could temporarily shut down the pain pathway, leaving people pain-free in the meantime. The only downside is, of course, that while the drug inhibits pain sensation it would also interfere with people's sense of smell —

SEE PAIN, PAGE B8

## Star death gives insight into black holes

By IAN YU  
Staff Writer

Supermassive black holes at the heart of almost every galaxy exert a great gravitational force that holds the galaxy together. Occasionally, an unfortunate star winds up wandering too close to the black hole and is ripped apart, producing stellar displays of intense light and high energy radiation.

Using images from the Hubble Space Telescope, NASA's Swift satellite and the Chandra X-Ray Observatory, astronomers at the Space Telescope Science Institute have detected such a display in a galaxy 3.8 billion light years away from Earth.

Initially detected by the Swift's Burst Alert Telescope at the end of March in the Draco Constellation, the explosion was subsequently imaged by dozens of telescopes and Swift alerted astronomers worldwide of its position. Hubble identified the explosion's origin at the center of a galaxy and imaged it while Chandra conducted a four-hour X-ray exposure that localized its origin to the

center of the galaxy with greater precision.

What sets this explosion apart from other displays of stellar doom is its intensity, especially since the black hole in question is less massive than the black hole at the center of our

galaxy. Previous displays were inadequate in strength and provided little information to astronomers seeking to compare their theoretical models of stellar destruction to empirical data.

"For a number of years astronomers have thought seriously about what we might observe if a star got too close to a supermassive black hole," Andrew Fruchter, astronomer at the Space Telescope Science Institute, wrote in an e-mail to *The News-Letter*. "But until now, we have never had an observation that many astronomers thought was an example of this in action. This may be our first good look at what happens when a star is destroyed by a black hole."

As a star approaches a black hole, its matter begins to get ripped apart and dragged in.



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Initial observation of the explosion was made by the Swift's Burst Alert Telescope.

Matter is drawn towards the

black hole by the intense gravitational force of the singularity at the center of the black hole, where the mass of the black hole is concentrated into an infinitely dense form. The singularity is a single point in smaller black holes, while it takes up the

geometry of a ring in supermassive black holes.

It is unclear how the star matter interacts with or gets incorporated into the singularity itself. "We don't ever get to observe the singularity. The best we can do is watch what happens as matter plunges toward the event horizon, also known as the Schwarzschild radius, of the black hole," Fruchter wrote. Relativity dictates that we will continue to observe the object get infinitely closer to the singularity as it falls into the event horizon. The final descent into the singularity is impossible to observe.

These distant displays of stellar material do have a time limit though, as the energy emitted from the matter is limited in its duration as it swirls around the black hole. "As matter approach-

es the event horizon the light that it emits becomes more and more redshifted, until the matter completely fades away from view," Fruchter wrote. Redshifting occurs when the source of an electromagnetic wave, such as star material emitting light, moves in a way that alters the wavelength an observer such as our telescopes perceives.

What made it possible for astronomers to observe this specific explosion was its orientation. Fruchter notes that this black hole oriented the stellar materials in a way that expels enough of their radiation in the direction of our telescopes, making them visible.

"We think that some of the radiation we are observing is coming from an accretion disk — a vortex of infalling matter circling the black hole," Fruchter wrote. "Our observations suggest that the accretion disk has in turn produced a relativistic jet — like those coming out of quasars — which is pointed directly towards us."

These sorts of displays are difficult to spot because they are very rare. Fruchter notes that while such an event has not been observed in our galaxy, the Swift telescope has been scanning millions of galaxies in search of these kinds of exciting displays. "This is expected to be a rare event in the life of any one galaxy, but we can always hope!"

## Decay of ozone layer in Arctic raises concerns

A permanent hole in the ozone layer over the Arctic may develop in the near future

By MELANIE HSU  
Staff Writer

Last month, European scientists warned that conditions were prime for unprecedented stratospheric ozone losses over the Arctic. They reported that annual ozone thinning over the Arctic would be especially dire this spring, with some areas sustaining an over 50 percent reductions in thickness. These findings were recently confirmed by Secretary-General Michel Jarraud of the World Meteorological Organization.

Bryan Johnson of the National Oceanic and Atmospheric Administration's Earth System Research Laboratory says that while the ozone loss over the Arctic does not compare to that over Antarctica, a permanent ozone hole could form above the Arctic in the near future. Each winter, a low-pressure ring of winds forms over the poles, preventing air masses in the area from mixing with mid-latitude air. These polar vortexes encourage the destruction of the ozone; if they stay stable for long enough, a near disappearance of ozone could occur at certain altitudes.

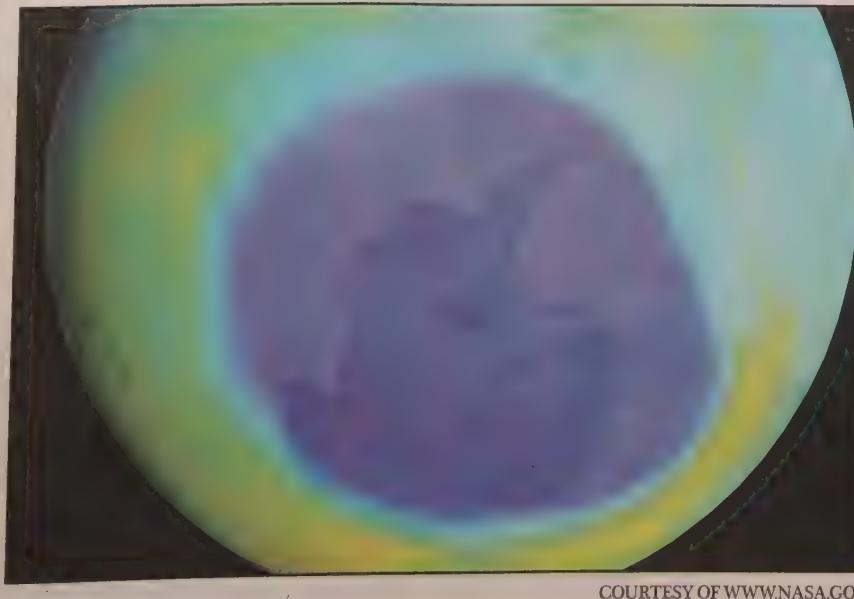
As stratospheric ozone filters out the sun's ultraviolet rays, areas affected by ozone thinning may face increased risks of sunburn. In

addition, Markus Rex of the Alfred Wegener Institute for Polar and Marine Research in Postdam, Germany, reports that ozone-deficient air masses have drifted over southern Finland and could affect Russia, parts of Central Europe and even the Mediterranean.

According to Rex, weather conditions have resulted in the Arctic stratosphere becoming especially cold this year, with temperatures falling to below minus 85 degrees Celsius in some parts of the stratosphere. He adds that global warming may have contributed to the cold weather, which encourages heavy losses of ozone.

Additionally, the stability of the vortex causes the formation of polar stratospheric clouds of ice crystals. These clouds, which were formed in high quantities this year, allow radicals to undergo unusual ozone-breaking reactions. Even after the vortex is destabilized, the radicals could take weeks to dissipate and halt the ozone destruction.

The researchers conclude that keeping a close eye on the Arctic situation will be essential in coming years.



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The permanent hole in the ozone layer observable over Antarctica is currently a major environmental concern.

# Salamanders and algae are partners from birth

By HUSAIN DANISH  
Science & Technology Editor

Although there are many examples of symbiosis between living organisms in nature, such as the protection of acacia trees by fire ants, these relationships typically exist on a more external level in terms of providing protection or shelter. In some more extreme cases, two different species are merged such that one exists within the cells of another.

This type of union is extremely rare among vertebrate animals, which typically possess immune systems that recognize, react to and eliminate foreign bodies.

However, scientists have recently discovered one such relationship between salamanders and algae — the algal cells live within the cells of the salamander and may even be passed down between salamander generations.

In a paper published in *Proceedings of the National Academy of Sciences* this month, scientists discovered that algal cells could be found inside embryonic cells of the salamanders.

Although the close coexistence of salamanders and algae has been a well-known fact for more than a century, most scientists believed that the algae dwelled extracellularly, in the jelly-like substance surrounding the actual cell.

The benefits to each organism had previously been revealed to be those of environment optimization — the nitrogen-rich egg is ideal for algal growth and the oxygen-production of the algae inhibits the development of deformities in the salamanders.

While this is still true, the researchers of Dalhousie University in Canada used imaging and DNA amplification to detect fluorescently-labeled algae in the embryonic and larval stages of salamander cells. They found that as the embryo develops, the algae tended to be most concentrated along the digestive tract.

This suggests beneficial roles in addition to those found in the embryo stage, such as nutrient processing, but scientists have yet to determine them.

The few other similar symbiotic relationships between phototrophs (organisms that require photosynthesis to produce energy) and vertebrates all involve the transfer of the photosynthesis product to the host.

However, such an exchange of goods is not readily apparent in the salamander-algae duo, since the algal cells can be found in tissues that are opaque and not directly exposed to sunlight, eliminating the feasibility of photosynthesis.

Another existing hypothesis



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Scientists have found algal cells living inside the cells of salamander embryos, demonstrating a complex symbiotic relationship.

is that genes that are required to carry out essential cellular processes may be transferred between two cell types. This is supported by the fact that most nuclei in amphibian cells readily accept foreign DNA when it is present in the cell's cytoplasm.

This study also raises the question of the mechanism by which the algae originally enter the salamander cells. A higher

concentration of algae DNA was also measured in adult salamander reproductive tracts, which lends support to the theory that the algae can be transmitted from parent to offspring.

However, other studies have observed the triggering of algae blooms in close proximity to salamander embryos at precise moments in their development.

Whether these blooms lead to the invasion of the algae or if it is a combination of these two factors is a question that still needs to be answered.

The results of this study are more than simply an interesting phenomenon. While this may lead to future research on the existence of similar relationships in other amphibian species, it also opens the door to investigating the complexities of recognition between cells of drastically different organisms.

# Pain disorder helps explain sense of smell

PAIN, FROM B7  
which might or might not be worth the benefit of such drugs.

Discussions of the potential side effects of any Na(v)1.7-targeting painkillers bring up an interesting difference between the current findings in humans and in mice: mice lacking Na(v)1.7 and therefore also lacking the sense of smell show dramatic and important deficiencies in most smell-based or smell-guided behaviors.

However, anosmic humans can literally go entire lifetimes without ever noticing their deficiency.



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The Na(v)1.7 protein is involved in signal transduction and not in sensing.

## ASUS Eee Pad Transformer shows good things come in small packages

ASUS has released the Eee Pad Transformer. It is currently available in Europe for £430 and is expected to soon land state-side at \$400 for the tablet and \$150 for the dock, though bundled pricing is expected to be significantly less. It is also worth noting that it is now sold out in the UK, 12 days after it first went on sale.

So what makes this product worthy of being called "Transformer"? Imagine a typical 10" netbook screen with a 12" body and full keyboard. Now rip the screen off of the base. Move the processing power, memory and storage over to the screen you just tore off and make it a touch-screen IPS display. Oh, and find a way to reconnect the screen so that when you need a real keyboard you have one to use.

That's the short of it. The Transformer employs the Tegra

2 (from nVidia) system-on-a-chip paired with 1GB of RAM and 16GB or 32GB of storage (your choice). It's strikingly similar to the recently released and much touted Motorola Xoom in terms of internal specs.

Though the screen is the same resolution at 1280 x 800, it is an IPS display (same as the iPad), which is definitely going to give a much better experience than the Xoom's ordinary LCD display. It's also worth noting that the Xoom is about £100 more expensive than the Transformer. The Xoom is £500, while the slate portion of the Transformer is £380. The full setup is £430.

So what else does the Transformer have going for it? Well, the keyboard dock not only has a full chiclet keyboard, it also has two USB ports, a mini HDMI-out, a microSD card slot and a combined

headphone/microphone jack.

There's just one more element of the hardware that is worthy to note: it has a particularly crisp 5MP camera on the back which also does HD video and a front-facing camera for your video-chatting pleasure.

So from a conceptual standpoint, what advantages and value does a computer that can change between being a tablet and being a "normal" laptop bring to the table?

First, and perhaps most obvious, is that tablets are typically considered useful for content consumption, so having a keyboard dock allows for the content creation that many say is lacking in their tablet experience. Additionally, the keyboard dock gives the added utility of extra connectivity with its SD and USB ports.

On the flip side, netbooks are often plagued by poor battery life and difficulty in control due to a small trackpad.

The Transformer has a touch-screen that remains useful when it is docked, allowing for the mouse to not be as needed, especially for scrolling. It also takes care of 1080p video playback, which few netbooks can tout. One of the common uses for tablets is movie watching, which brings about the need to keep it upright. The keyboard dock takes care of that and gives the ability to adjust angles.

As an added bonus, the dock also contains a portion of the battery and charges the slate when



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the two are docked together. This is a win-win since movies are often the source of battery woes.

Just how good is the battery? ASUS claims that its tablet alone can hold for 9.5 hours and that the keyboard brings the combined total to an impressive 16 hours. Time will tell how true these claims are, as they do seem to be quite exceptional.

The general synergy of a dock that gives added juice, connectivity and functionality brings quite a bit of value to the table and covers many types of users. Whereas previously tablets were for certain folks and netbooks were for others, now we can have our cake and eat it too.

This setup can be particularly good for students so that they can leave half of the computer in their bag while using the tablet portion, and when they are ready to sit down to do work, they can pull out the other half and have a full laptop experience.

With that said, let's move on to the software. The Transformer comes packed with a customized version of Android 3.0, also known

as Honeycomb. This is a specialized version of Android that Google made for tablet use to take advantage of the added screen real estate compared to smartphones.

ASUS has taken Android 3.0 (I will refer to it as "Honeycomb" interchangeably), customized the user-interface, added special

widgets for certain functions and smoothed out the user experience.

Unfortunately, there is a large amount of input lag that is present throughout the system and the camera software is nothing short of abysmal. That really knocks the usability of the Transformer down a few notches, but by all indicators these are software issues that can be fixed with updates. Hopefully we will see that happening sooner rather than later.

The Transformer also comes with a remote desktop utility so that you can access your computer back home if needed, and if the onboard storage is inadequate, there is a free service called WebStorage, or myCloud, which takes care of that issue.

Browsing is pretty standard fare at this point, though the Transformer tries to load everything on the screen, and since it can handle Flash content (a feat that a certain tablet cannot attest to), that can often mean that pages are filled with more than it can take.

So in spite of its software troubles, it does seem like this is the best Honeycomb tablet so far. Priced significantly less than the Xoom and having essentially the same internals and offering some new ways to think about and use portable computing, ASUS presents a very compelling case for itself.

ASUS just needs to get its software developers on the camera and lag issues, and harness the otherwise top-notch internals.

## Scientists diagnose heart disease in mummies

Despite healthier diet and more active lifestyles, Ancient Egyptians had atherosclerosis

By MELANIE HSU  
Staff Writer

Heart disease and afflictions such as obesity are often viewed as a product of modern culture. People today are thought to consume significantly more calories and animal fat than their ancestors, turning our fat-storing adaptation into a contributing factor for obesity.

However, recent discoveries suggest that heart attacks and strokes have plagued humans for millennia.

A team of scientists led by Greg Thomas recently discovered the earliest known case of atherosclerosis in an Egyptian mummy. Also known as heart disease, this condition occurs when fatty material collects on the artery wall.

Over time, the material thickens and hardens, potentially resulting in arterial blockage. These findings reveal that the current understanding of heart disease is somewhat misconceived.

According to Thomas, the research team arrived at these conclusions by running mummies through a CT scanner. They hypothesized that the mummies would not have heart disease due to their more active lifestyle, healthier diet and lack of tobacco use. To their surprise, one of the mummies scanned, a princess in her forties who was supposedly active



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Scientists ran Egyptian mummies through a CT scanner to image their arteries.

and ate fresh food, was found to have heart disease.

Based on these results, Thomas suggests that there may be an unknown risk factor at play. As of now, high blood pressure, smoking, cholesterol and inactivity are among the known risk factors for atherosclerosis. While ancient Egyptians had access to meat, Thomas says that their diet consisted mostly of grains, fruits and vegetables.

All of the subjects studied were of the elite class, as these people had the resources and wealth to

have their bodies mummified. While Egyptian royalty practiced inbreeding, the high incidence of heart disease probably did not result from this, according to Thomas. As the team found incidences of heart disease across a 2,000-year timeframe, they believe that it was a common affliction among the elite.

The researchers have yet to extend their studies to include working-class mummies, but they believe that they will find incidences of heart disease even among the middle class.



COURTESY OF WWW.WEISE.DE

The new netbook suffers from some minor software troubles.

## SCIENCE &amp; TECHNOLOGY

# Short telomeres linked to diabetes

**By MAHA HAQQANI**  
Staff Writer

Hopkins scientists have found new evidence from studies in mice that shorter than normal telomeres, or "caps," at the end of chromosomes may predispose people to age-related diabetes.

Telomeres are repetitive sequences of DNA that protect the ends of chromosomes and normally shorten with each cell division. After many divisions, the telomeres become so eroded that cells lose the ability to divide normally and they eventually die. Telomere shortening has been linked to cancer, lung disease and other age-related conditions.

The research, described in the March 10 issue of *PLoS One*, arose from observations that the occurrence of diabetes seems more common in patients with dyskeratosis congenita, a rare inherited disease caused by short telomeres. Patients with this condition are also prone to prematurely graying hair and early organ failure.

Type II diabetes is an inherited disease. Its incidence increases consistently with age with as many as one in four

adults affected by the age of 65," Mary Armanios, the study's principal investigator, said. "We didn't understand why the incidence of diabetes increases with age. Telomeres shorten with age. Telomere length is also inherited. We therefore wondered if short telomeres might contribute to the age-related onset of diabetes." Armanios is an assistant professor of oncology at the Kimmel Cancer Center.

Armanios and her team studied the insulin-producing beta cells of mice with short telomeres. Humans with diabetes do not produce sufficient insulin and have cells resistant to its efficient use, causing disruption to the regulation of blood sugar levels.

"Normally, blood glucose levels are maintained in a very tight range, but we found that mice with short telomeres had higher levels," Armanios said. "We could link the higher blood sugar levels to beta cells, the cells that secrete insulin. Insulin is a hormone that is essential for glucose maintenance and in type II diabetes, the efficiency of insulin secretion is impaired. Although insulin levels were lower in mice with short telomeres, the cells that secrete

them were present.

"However, there was evidence of senescence of dysfunction that led them not to secrete insulin properly. In essence, these mice had the same defects in insulin secretions that are known to be present in humans with early forms of diabetes."

In beta cells from mice with short telomeres, the researchers found deregulation of p16, a gene linked to aging and diabetes. No such deregulation was found in the controls. In addition, many of the gene pathways essential for insulin secretion in beta cells, including pathways controlling calcium signaling, were altered in beta cells from mice with short telomeres.

According to Armanios, some studies have suggested that diabetic patients may have short telomeres, but it was not clear whether this contributes to the risk of diabetes or is a consequence of the disease.

Armanios believes the study may have several implications for the future of predicting diabetes risk and combating the condition.

"First, the work may lead us to use telomere length to identify those at [an] increased risk for developing diabetes. For these

individuals we may be able to implement prevention efforts," she said. "Also, the treatment of diabetes is still limited. By identifying new insights into how it evolves on a molecular level, we may be able to find approaches to combat its progression."

Armanios and her colleagues are planning to conduct research to examine whether telomere length can predict the risk of diabetes prospectively.



Telomere shortening, which may predispose people to diabetes, is linked to various age-related diseases.

## Cocktail of two drugs may be effective treatment for obesity

The combination of two drugs — Phentermine and Topiramate — along with diet and exercise may be an effective new treatment for obesity.

The study, published in the journal *The Lancet*, involved 2,487 overweight or obese people from 93 centers in the United States.

Participants were required to have at least two conditions in addition to their obesity, such as diabetes and high blood pressure. The study was led by Kishore M. Gadde, director of the obesity clinical trials program at Duke University Medical Center.

The two drugs have been previously approved by the Food and Drug Administration (FDA) to treat obesity. However, each had its limitations. Phentermine has only been approved for the short-term treatment of obesity.

As a result, patients can only take the drug for 12 weeks. Lit-

tle is known about the effects of long-term use of the drug. Topiramate is used to treat seizures. In previous studies, it has been shown to assist in weight loss.

However, the drug causes psychiatric side effects at high doses. Researchers thought that a combination of the two drugs at lower doses would be more tolerable.

Patients were randomly assigned to receive one of three treatments: a placebo, phentermine and topiramate or a higher dose of phentermine and topiramate. About 1,000 patients received the placebo, 500 received the low dose and 1,000 took the high dose of the drug combination.

All participants also received information on healthy diet and lifestyle practices.

After a little more than a year, participants in the placebo group lost an average of three pounds, participants in the lower dose group lost an average of 18 pounds and those in the higher dose group lost an average of 22 pounds. The drug combination was also able to lower blood pressure and insulin levels.

The new drug combination may be more effective because

the drugs alter different pathways in the body to induce weight loss.

Future studies will examine how the new drug combination compares to more aggressive lifestyle interventions.

These treatment plans, which help patients strategize about their weight loss and include meetings with nutritionists, have been shown to cause up to 10 percent weight loss.

The researchers tagged 16 whales with radio transmitters and studied their movements via satellites from 2003 to 2010. The tags were embedded in their blubber.

Humpback whales grow up to 16 meters long and weigh about 36,000 kilograms.

— Briefs by Husain Danish and Ann Wang

This new study, headed by scientists in Germany and New Zealand, examined language growth within family trees. The researchers compared changes over time in the four most commonly studied language groups — Indo-European (Europe and the Indian subcontinent), Austronesian (Southeast Asia and Oceania), Bantu (Sub-Saharan Africa) and Uto-Aztecan (North America and Mesoamerica).

The authors recognized a major deviation from what the generative and statistical approaches would predict in languages. Instead of arising from universals, language was mainly "lineage-specific" and did not show major patterns across families.

However, there were patterns within families of languages. For example, they found changes between subject and object ordering in relation to verbs only occurred in the Indo-Aztecian family of languages, but not in others.

Languages developed and changed in various forms but were not constrained by universals across families, instead developing on their own within each family of languages. To further explain the independence of language families, even the similarities across families were a result of chance and not from a phylogenetic descent.

So what does all this mean? Linguists aim to find the boundaries that make up language and to understand how it changes. With this newer look at the evolution of language based on family trees, linguists have yet another tool to dissect languages.

More specifically, it offers a new perspective and debunks common beliefs that languages from across the globe can be connected by universal constraints. Instead, this study opens a new door to looking at language development as more of an individualistic phenomenon.

## Humpback whales travel the seas using multiple forms of navigation

Scientists have found that humpback whales swim in astonishingly straight courses during migrations that are thousands or tens of thousands of kilometers long.

Over the course of these journeys, the whales veer off course by as little as 0.4 degrees and always less than five degrees, despite the constantly changing movement of ocean currents.

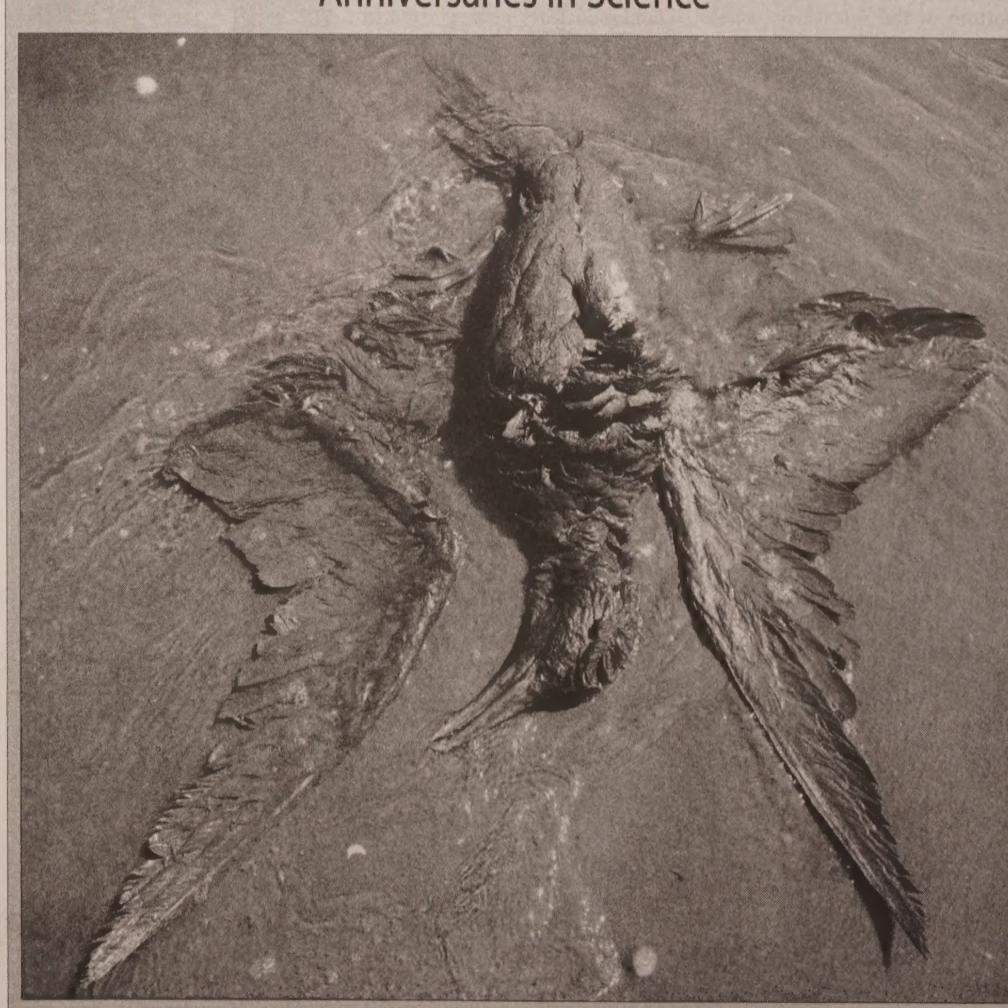
Humpback whales annually migrate 5,000 kilometers or more between warmer low-latitude waters where they give birth to their young, and colder nutrient-rich, high-latitude waters where they feed on krill and fish.

Migrating animals, including sea turtles and birds, are known to use the Earth's magnetic field to keep on course.

However, over the course of the humpback whales' migration, which may take several weeks, the Earth's magnetic field shifts by as much as 12 percent.

Researchers hypothesize that the whales are combining cues from the magnetic field, stars, the sun and possibly other sources in order to keep on course, but they do not yet have a complete understanding of exactly how the whales do so.

## Anniversaries in Science



The Deepwater Horizon drilling rig exploded and began spilling oil into the Gulf of Mexico on April 22, 2010. One year later, oil still remains in La. marshes and probably on the seafloor. Disruptions to the environment and the food chain are expected to linger for much longer.



COURTESY OF WWW.FASCINATINGLY.COM

## SPORTS

# Lady Jays peck away at #2 Northwestern

Lipinski, defense hold Cats scoreless in final six and a half minutes

By KYLE HALLERAN  
Staff Writer

The Hopkins women's lacrosse team upset second-ranked Northwestern on Saturday. Playing under rainy skies, the Jays put on a gritty showing of determination to come back against the favored Wildcats.

Taking advantage of three late second half goals, Hopkins played hard from start to finish to complete the biggest upset in program history.

Senior captain and midfielder Briana Cronin was certainly proud of her teammates.

"We knew Northwestern was coming off a disappointing loss at University of Florida, so we tried to take advantage of them while they were down," Cronin said.

"We played as hard and smart as we possibly could," she continued. "I stressed the importance of making smart decisions from the beginning until the final whistle."

With just 15 minutes left in the game, Northwestern's Shannon Smith scored her 46th goal of the season to take the lead 10-9.

Eight seconds later, Hopkins senior attackman Brooke Foussadier gained control of the draw and passed to fellow attackman sophomore Katie Duffey. Duffey shot at the goal and scored, tying the game at 10-10.

Two minutes later, Hopkins struck again when Foussadier dodged in back of the goal and passed to junior attackman Rachel Ballatori on the left post. Ballatori scored on a wide-open goal after the mistake by Northwestern's goalie Brianne LoManto.

After the nine-minute mark, junior attackman Colleen McCaffrey, *The News-Letter's* Ath-

lete of the Week, caught a sharp pass from fellow junior Candace Rossi and fired the ball past LoManto. McCaffrey's laser shot put the Jays in front 12-10 with just over seven minutes to play.

Less than a minute later though, Northwestern responded with a goal when Smith passed to Alex Frank who put it

held the high-powered Northwestern offense that had averaged almost 15.5 goals a game in their first 13 games to 11 goals at Homewood Field.

As a result of Hopkins's impressive late-game stand, Lipinski was named the ALC defensive player of the week for the second time this season.

Cronin was particularly impressed with the play of sophomore goalie Colette Larash.

"Colette really stepped up and made some incredible game-changing saves," she said. "She had one of her best performances of the season."

Cronin also thought the team stuck to its

game plan and followed their head coach Janine Tucker's preparation to victory.

"Our entire team was on board with our goals for the game," she said. "We were very prepared due to the excellent scouting report we had."

This season has seen its ups and downs for the ladies. However this is the second top-five team that has been dispatched by the Jay squad, the other team being Penn back in March. The win improved Hopkins to 9-5 on the season and 1-2 in conference play.

With only two games left in the regular season, the team is looking to finish strong and improve their American Lacrosse Conference record for a shot at the playoffs.

The Jays next face off against 13th-ranked Penn State at Homewood Field on Saturday, April 23rd, looking to repeat their 12-7 victory of a year ago. The match against the Nittany Lions will be the Jays' final home game and senior day. First draw is scheduled for 1 p.m.

Freshman midfielder Sammy Cermack has played in every game this year, scoring six goals.

home. Smith, the nation's leading point-scorer, got just an assist and a goal in the game for two points. The All-American has averaged six all season long.

Hopkins gained possession and went into burn-clock mode, killing two minutes off of Northwestern's turnovers.

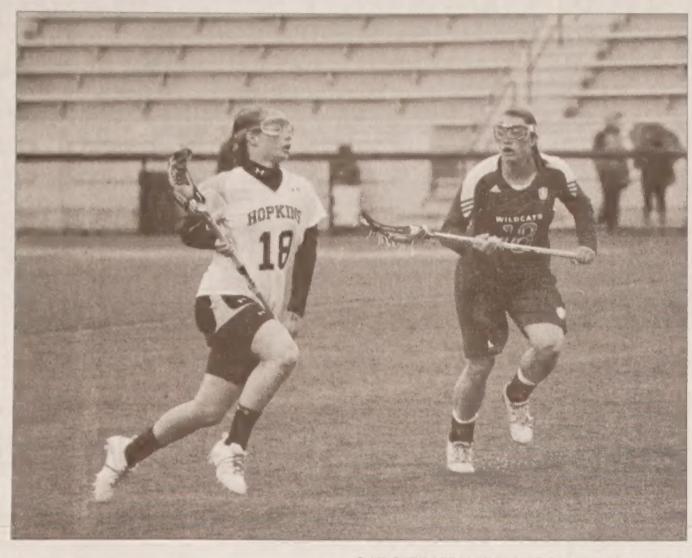
The final two minutes seemed to be an hour-long circus struggle for possession. Hopkins was trying to run the clock out while Northwestern was desperately fighting for the ball to make one more shot.

In the end, the Jays came out on top for the first time in the last nine meetings with Northwestern, stunning the Wildcats who have won six straight ALC titles and lost the national championship game last season against Maryland.

The Jays defense, which was led by senior Brooke Lipinski who covered the Wildcats' Smith all game, did not surrender a goal in the game's final six-and-a-half minutes. In addition, Hopkins

struck again when Foussadier dodged in back of the goal and passed to junior attackman Rachel Ballatori on the left post. Ballatori scored on a wide-open goal after the mistake by Northwestern's goalie Brianne LoManto.

After the nine-minute mark, junior attackman Colleen McCaffrey, *The News-Letter's* Ath-



CAROLYN HAN/PHOTOGRAPHY EDITOR

## W. Tennis climbs polls as Warren wins 50th

By MIKE KANEN  
Sports Editor

Even before the Hopkins women's tennis team went 3-1 this week, their lone loss coming against Division I foe Delaware, the Jays were ranked ninth in the latest national poll, their highest national ranking in two years thanks to a 10-1 record at the time.

Hopkins would stretch its win total to 11 on Thursday when they took on McDaniel in a conference affair, giving them their eighth win in a row. The Green Terror were no match for the ladies who rolled over them in a 9-0 debacle. Hopkins was led by sophomore Yoko Hirase and junior Courtney Boger in the match, neither of whom dropped a single game between doubles and singles.

The next day, the Jays clinched the number-one seed in the Centennial Conference playoffs and the right to host the tournament by beating the Mules of Muhlenberg 7-2.

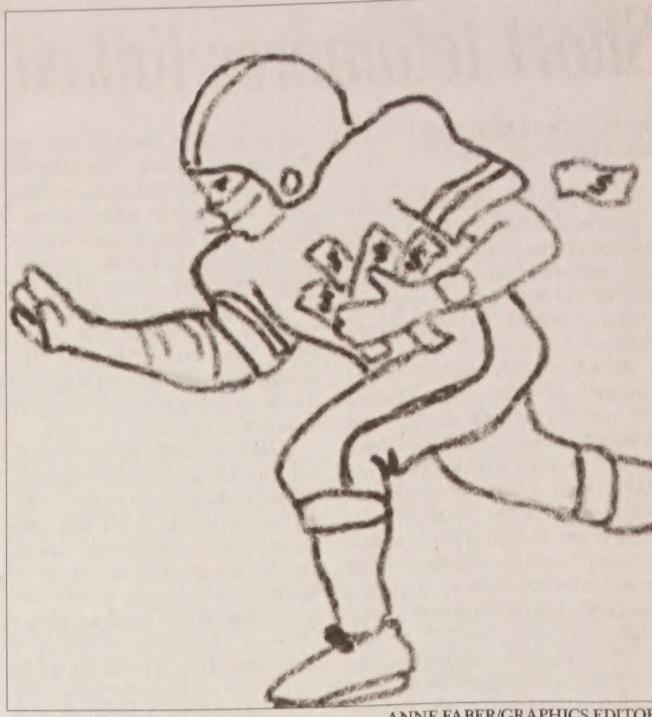
As has been the case all season long, the Jays were paced by their impressive doubles play that got them an early 3-0 lead. Freshman Hailey Hogan and sophomore Nandita Krishnan, who won their third Centennial Conference player of the week award this week, lived up to their number-one ranking in the Atlantic South with an 8-4 at first doubles. At singles, junior Carolyn Warren won in straight sets, 6-1, 6-1, at first singles.

On Saturday, the Jays played indoors against 23rd-ranked Mary Washington, running their win streak to 10 with a 7-2 showing.

Hopkins again swept their doubles matches and watched Warren sweep her two single sets to become just the fourth player in Hopkins history to win the 50-win plateau.

The Jays held their own against the Blue Hens of Delaware on Sunday, falling 6-1 to end their 10-game win streak. Krishnan had the lone Hopkins win, losing just one game at second singles.

The girls are at home on Thursday against Gettysburg.



ANNE FABER/GRAFICS EDITOR

## NCAA brings in the bucks while stars stand and watch

By TREVOR WILLIAMS  
Staff Writer

against collegiate athletes being compensated. The first is that these athletes are already compensated fairly with their scholarship, which, at a place like Duke, is valued at almost \$200,000 over the course of four years.

As we have seen with the revenue generated for the school, to say that the scholarship is short-changing the athletes is a gross understatement. These athletes are worth millions of dollars to the schools, yet they don't see a dime of the riches they create. Duke, who is sponsored by Nike, is compensated annually to wear Nike apparel and shoes, yet the money for this contract goes directly to the coach.

These contracts, which run in the hundreds of thousands annually, are benefiting someone who doesn't even lace up a pair of Nikes or wear its jersey.

The second argument made is that it strips away the "amateur" status that is inherent with being a college athlete. If you still think this, you haven't been paying attention: football players at Michigan, Notre Dame, Alabama, Southern California, basketball players at Duke, Kentucky and North Carolina, are no longer amateurs.

Because of the amount of money at stake for these schools, basketball is no longer an activity for the student-athlete; it becomes their job and they are treated as such.

Logistically, the athletes who bring in the money aren't allowed to see any of it because it is needed, in part, to make up for the nightmare of a business model set up by the NCAA. The women lose the money, the men make it back and then some.

Is there any company in America that would pay its CEO these sums if its company continued to lose money? One would certainly hope not. The NCAA has not only a broken model, but also a shameful one.

UConn's women's basketball program is not the only one that finds its bottom line in the red. The women's basketball programs at 53 public schools from the six major conferences — the Pac 10, Big 10, Big 12, ACC, SEC and Big East — combined to lose \$109.7 million in 2010.

In contrast, the men's programs at these 53 schools operated with profits of \$240 million, according to Bloomberg, who obtained these figures through the Freedom of Information Act.

Despite individually being worth millions of dollars to their schools, the male athletes in the football and basketball programs at these 53 schools, who are the ones responsible for the generation of this income, are unable to see a dime of it. If the NCAA employed the same type of collective bargaining with its athletes that the NBA and NFL currently do with theirs, the athletes would see 57 percent of the revenue generated.

Duke University's men's basketball program is the most profitable college sports program in the country, generating \$26,667,056 in revenue in 2009. If the NCAA gave its athletes the same share of income that is shared in the NBA, each player on Duke's roster would have been worth \$1.2 million.

But let's just give them their scholarship money and call it even. Sounds fair.

There are typically two cries

## Baseball getting hot at right time, prepare to finish CC season

**BASEBALL, FROM B12**  
average to .329 and now leads the team in doubles with seven.

After five straight wins in as many days, the Jays fell 6-5 to Lebanon Valley College in Annville, Penn.

The Flying Dutchmen jumped out to a quick 5-0 lead after the bottom of the second on a solo home run and capitalized on a Jay error that allowed three unearned runs to score.

However, after the rough start by Hopkins's starting pitcher sophomore A.J. Hellow, the bullpen stepped up big time. Juniors Garrett Gomez, Lucas Henneman, Mike Berliner and Blake Platt gave up only one run the rest of the game, allowing the

boys in black and blue a chance for the comeback.

With steady production over the remaining seven innings led by home runs from Small and junior Sam Wernick as well as a two-hit performance from senior co-captain Tim Rappazzo, the Jays slowly chipped away at the Dutchmen lead, getting runs in the third, fifth and sixth innings to set up a dramatic ninth inning finish.

With the bases loaded, Borrelli, one of the team's four co-captains, stepped up to the plate in a pinch hit situation after getting the day off in non-conference action.

The graduate student was the latest Centennial Conference Player of the Week and it looked

like Hopkins was well on its way to another walk-off victory.

Borrelli swung at the first pitch, lacing one up the middle, but right at the perfectly positioned Dutchmen second basemen to spoil the Hopkins comeback.

Lebanon Valley's freshman closer Corey Cincilla got the graduate student to ground into a double play to end the game.

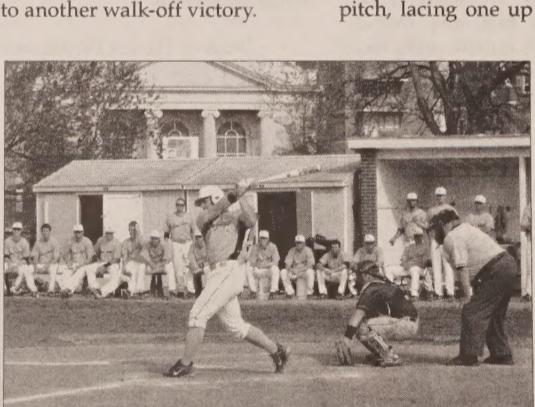
Despite the loss, Hopkins still emerged from their five-game stretch with a 4-1 record and the outright lead in the Centennial Conference with a conference record of 11-3 and overall record of 18-11.

Up next, the Jays take on Washington College at Hopkins on Thursday afternoon at 3:30 p.m. before heading to Washington on Friday and hosting the Muhlenberg Mules on Saturday to wrap up conference play.

"We control our own fate and we've got our top guns going this weekend, so we feel real confident heading into the weekend," Besjuk said. "We are going to play Hopkins baseball and take care of business."

Sikorski echoed his teammate's comments, feeling ready for a couple of big games.

"I expect us to sweep all the games this weekend and lock up the home field advantage for the conference tournament."



COURTESY OF GAURI WAGLE

## BLUE JAY ATHLETICS SCOREBOARD

### BASEBALL

Thursday, April 14:

Hopkins 10,

Gettysburg 9

Friday, April 15:

Hopkins 3, Gettysburg 0

Sunday, April 17:

Hopkins 14, Ursinus 5

Hopkins 7, Ursinus 3

Monday, April 18:

Hopkins 5,

Lebanon Valley 6

### M. LACROSSE

Saturday, April 16:

Hopkins 12,

Maryland 11 (OT)

### W. TENNIS

Thursday, April 14:

Hopkins 9, McDaniel 0

Friday, April 15:

Hopkins 7,

Muhlenberg 2

Saturday, April 16:

Hopkins 7,

Mary Washington 2

### W. LACROSSE

Saturday, April 16:

Hopkins 12,

Northwestern 11

### M. TENNIS

Saturday, April 16:

Hopkins 9,

Muhlenberg 0

Hopkins 7,

Mary Washington 2

Wednesday, April 20:

Hopkins 9, McDaniel 0

Hopkins 6, Salisbury 3

Sunday April 17:

Hopkins 1, Delaware 6

## SPORTS

ATHLETE OF THE WEEK  
COLLEEN MCCAFFREY - WOMEN'S LACROSSEBy SAM GLASSMAN  
Staff Writer

Colleen McCaffrey, at 5 feet 11 inches, is a key member of the Johns Hopkins Women's Lacrosse team, and has played a crucial role in its success thus far.

A junior, she leads the team in goals, having scored 31 in 14 games, averaging about 2.2 goals a game; tying her with her total amount of goals from last season.

She is leading the team with 39 points and a shooting percentage of .431. With two games still to go, it seems McCaffrey is intent on outperforming her past self, and increasing her already impressive stats.

What are these stats? For two straight seasons, McCaffrey has started every single game. She has been named Second Team All-ALC since her freshman year, as well as second on the team in goals since her freshman year.

But, McCaffrey explained, "This season has been my favorite." She credits her team for much of her success, explaining how "we motivate and push each other a lot because we know that it is a special enough group to go into the post season."

This means a lot coming

from someone with McCaffrey's history. A lacrosse player since seventh grade, McCaffrey "began playing travel lacrosse for

school, she was the only high school player named to the U.S. National team pool. She was a member of the 2008-2009

ing Program (IMP), which is a program that fosters the transformation of underperforming high school students in Baltimore and university-based volunteers into self-motivated, resourceful and socially aware leaders committed to a higher purpose of their own."

Essentially, IMP is a mentoring program where volunteers are matched with a struggling student. These mentors stay with that student throughout their education, from high school to college. In addition, McCaffrey is also the co-director of the events committee.

"We set up events for the students to attend such as trips to D.C., movie nights, football games, etc." McCaffrey explained. With all of these responsibilities, free time for a musical is a hard thing to find.

A psychology major with a minor in entrepreneurship and management, McCaffrey as of now has no career plans, although she did mention business or further schooling as possibilities.

For the moment, she is just enjoying playing lacrosse. If previous seasons can serve as any indicator, McCaffrey is headed towards a great end of the season this year and an even better season to come.

She has been an integral part of the team thus far and will continue to be as the team progresses towards the end of the season, and hopefully into post-season play.

McCaffrey has been a force for the Lady Jays, spearheading the offense and breaking opposing defenses.

CAROLYN HAN/PHOTOGRAPHY EDITOR

the Long Island Yellow Jackets in 9th grade... played with the Under 19 United States team the summer of [her] junior year of high school... [and] also played in N.Y.'s Empire State games." Furthermore, in high school, McCaffrey also played "volleyball and basketball. This past year I played with the club women's volleyball team here at Hopkins."

The season, although the team's record is not its best, could still be considered successful. As McCaffrey pointed out, "We have had some really big upsets... We have lost a couple of close games by one or two goals that we would like to get back but other than that it has been a successful season thus far." The team has lost to Princeton, Georgetown and Vanderbilt all by only one goal.

But McCaffrey has always excelled in lacrosse. In high

U.S. Developmental team and scored more than 300 goals and had 175 assists.

She was All-League and All-County four times, and a three-time All-American. Also, she was a two-time U.S. Lacrosse Scholar Athlete, and won gold with the 2007 U.S. Women's Under-19 Team at World Championships. Overall, a difficult résumé to contend with.

In addition to experimenting with other sports, McCaffrey has an interest in the arts.

"I also enjoy Broadway musicals and dance. I don't really participate much but enjoy all the music and attending the shows. My sister is involved with musicals and plays and that is what sparked my interest."

With her commitment to lacrosse, though, it is difficult to manage all of her interests. On top of this, McCaffrey is "involved in the Incentive Mentor-

ship program with IMP."

In addition to volunteering with IMP and dabbling in sports outside lacrosse, McCaffrey has also led the Women's Lacrosse team in goals, averaging about 2.2 per game.

## Johns Hopkins

## teams ranked in top-3

## Men's Lacrosse- National Rankings

1. Notre Dame (9-0)
2. Johns Hopkins (9-2)
3. Cornell (9-2)

## Baseball- Centennial Conference

1. Johns Hopkins (18-11, 11-3 CC)
2. Haverford (26-5, 11-3 CC)
3. Frank. & Marsh. (18-13, 10-4 CC)

## Men's Tennis- Centennial Conference

1. Johns Hopkins (15-3, 8-0 CC)
2. Swarthmore (11-6, 7-1 CC)
3. Frank. & Marsh. (10-5, 6-2 CC)

## Women's Tennis- Centennial Conference

1. Johns Hopkins (13-2, 9-0 CC)
2. Washington (13-2, 8-1 CC)
3. Swarthmore (8-8, 7-2 CC)



CAROLYN HAN/PHOTOGRAPHY EDITOR

## Men's and Women's Track excel at Hopkins/Loyola invitational

By CLAYTON RISCHE  
Sports Editor

This past Saturday, a cold rain visited Baltimore, halting Spring Fair and keeping people indoors. However, the rain did not stop the men's and women's track teams from getting outside and competing at their home meet.

The men were able to set new meet records in the 100-meter and the 4x400-meter relay. The ladies took first place in the 4x800 relay, beating out three Division I teams.

Tobe Madu, a freshman on the men's squad, participated in both record-setting events, ending with a spectacular day. Madu's first place in the 100-meter was a season best at 11.1 seconds. He also ran in the 200-meter, taking second place at 23.81 seconds.

He was followed by fellow freshmen Zack Dwyer and Shawn Buxton, who placed sixth and seventh, respectively.

Madu also played a role with the 4x400 team that broke the respective meet record. The other team members included sophomore Rob Martin, senior Brahma Kumar and junior Ross Bittman. The new record stands at 3:25.18.

In the 400-meter, Martin and Kumar competed again, capturing second and third place, respectively. The race was a close-packed event on times, with Martin and Kumar separated by times of 50.64 and 51.18 seconds. Freshman Collin Rozanski followed behind them to take fourth at 51.68.

Despite the wet conditions, junior Luke Sand had a 44-foot 9-inch toss in the shot put, nabbing second place in the event.

"It was miserable out; it was so rainy and wet that javelin and discus were cancelled," Sand said. "It wasn't ideal for shot put either, but I thought it was fun. It was tough to grip, but things worked out well in the end."

He was followed by senior teammate Ryan Lino, who threw for a 41-foot, 5.25-inch fourth place finish.

Junior Harper Wilson managed second and fifth place in the triple and long jump. He reached 41 feet, 6 inches in the triple jump, and 18 feet, 1.5 inches in the long jump for his fifth place finish.

Senior Brandon Hahn ran the 1500 meters in 4:16.17, grabbing sixth place. He was followed by two other Jays, freshman Wes Butler and senior Derek Cheng, who placed eighth and ninth, respectively.

The Hopkins/Loyola Invitational was successful despite the rainy day.

"Everyone came out and put out their best stuff," senior Nate Marrone said. "No one was complaining about the rain. The conditions weren't great, but once you get out there to run, there's not much you can do about it. The people you compete against have to deal with the same conditions, too."

The men hope to carry some

of their momentum with them to the Widener Invitational with the Centennial Conference Championships quickly approaching.

"If everyone takes it up a level, we can definitely place in the top three in the conference and have a good chance to win it," Sand said. "Personally, my goals are to win the two events I am in."

In the women's events, the 4x800 team ran away with first place against some Division I crews. A team of sophomore Annie Monagle, freshman Maggie Shelton, senior Elizabeth Laster and junior Cassie Cummings ran a time of 9:59.04, which ended up being the ladies' only first-place finish of the day.

The 1500 meters saw good performances from Monagle and Laster, who ran times of 4:56.87 and 5:00.08 for third and sixth place, respectively.

Shelton returned in the 800-meter, grabbing fourth place at 2:28.03.

She was followed by Cummings and sophomores Marie Ferguson and Sam Stuek, who placed sixth, seventh and eighth, respectively.

Senior Christina Valerio grabbed second place in the 5000-meter, running the event in 17:43.42. She was followed by three freshmen runners, Holly Clarke (fifth place/18:33.99), Shayna Rose (eighth place/18:52.73) and Frances Dougherty (tenth place/19:00.36).

A pack of sophomores competed in the 4x400 relay, finishing in second place with a time of 4:29.63. The sophomore team was composed of Kristin Spera, Marie Ferguson, Monika Sullivan and Alexa Tzaferos.

Tzaferos ran in two other events as well. She finished fourth in the 100-meter hurdle and fifth in the 400-meter hurdle, with times of 16.96 and 1:11.03, respectively.

Another top-five finish team was the group of junior Alison Smith, senior Anita Mikkilineni, freshman Chloe Ryan and sophomore Amelia Vallenilla. The team ran in the 4x100 relay and took fourth place with a time of 53.94 seconds.

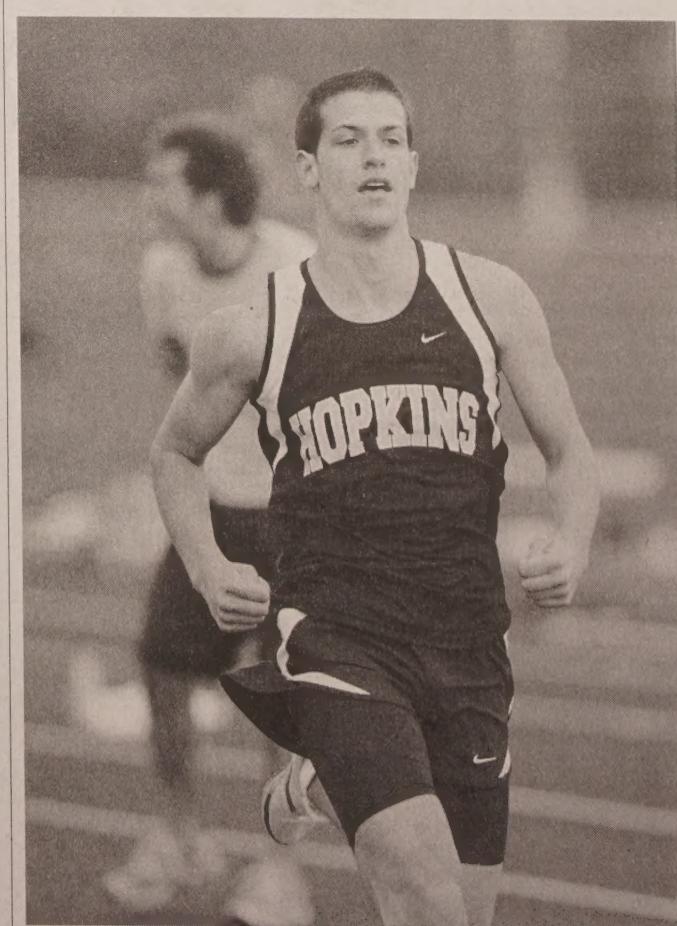
Sophomore Alana Merkow participated in the shot put, tossing a 35-foot, 5.75-inch third place finish.

She was followed by freshman Emily Swenson, who got sixth place with a 32-foot, 4.75-inch throw. Another sophomore, Tracey Vill, leaped into third place in the triple jump. She notched up a 30-foot, 7-inch mark in the event.

There were a great number of top 10 finishes for the Jays on Saturday. The outing should speak well for the women as they head into the Centennial Conference Championships in a few weeks.

The team is looking strong and appears to have several younger athletes ready to step up and take control on the track.

The two teams return to action at 2 p.m. on Thursday at the Widener Invitational in Philadelphia, Penn.



FILE PHOTO

Senior Nate Marrone returned to action for the first time since being injured this week.

## A hard-fought match went on

# SPORTS

## Women's Lacrosse beats highest ranked opponent in history



On a rainy Saturday afternoon at Homewood Field, Hopkins's women's lacrosse team upset perennial powerhouse Northwestern 12-11 thanks in part to two goals from junior attackman Candace Rossi. The win was the Jays' second win over a top-five ranked team this year.

See Page B10 for full coverage.

## Eliopoulos, Bejsiuk lead Baseball to first place in Centennial

By ERICK SUN  
Staff Writer

Over a busy four-day stretch, the Blue Jays managed to come out undefeated, sweeping Gettysburg College in a home-and-away series and beating Ursinus twice at the Hopkins baseball diamond on a Sunday double-header.

In their first match with Gettysburg, the visiting Bullets seemed well on their way to a rout over the Jays, getting a quick 5-0 lead after the top of the third as sophomore pitcher Kevin Gilgen got off to a rough start for Hopkins.

Yet those were all the runs Gettysburg would have until later in the seventh when the Jays would mount a furious comeback. In the bottom of the third, the Jays rallied for three runs off of an error by the Bullets on an infield pop-up that should have ended the inning.

Over the next two-and-a-half innings, pitching dominated the game as both teams combined for no runs and seven runners left on base.

However, Hopkins's offense awoke with a vengeance in the bottom of the sixth when they capitalized on another Bullet. Senior outfielder and co-captain Jesse Sikorski took advantage, smacking his fifth home run of the season, a grand slam bringing sophomore Kyle Neverman, junior Mike Musary and graduate student Steve Bejsiuk home for a 7-5 Jay lead.

"After that home run," Sikorski said, "there was no doubt in my mind that we were going to win the game."

The two teams then traded leads, with Gettysburg going up 8-7 in the top of the seventh, Hopkins taking back the lead 9-8 in the bottom of the seventh and

Gettysburg tying the game 9-9 in the top of the eighth.

Junior reliever Aaron Schwartz managed to keep the Bullets off the scoreboard in the top of the ninth, setting up a fantastic finish for the Jays to win the game.

After a double by Bejsiuk and a walk by Musary, Neverman, the team's talented shortstop, stepped up and launched a walk-off RBI single over the third base bag to get the 10-9 victory for Hopkins.

The next day, the Jays traveled to Gettysburg to finish the season series. In stark contrast to the 19 runs scored and six pitchers featured the previous day, Friday's match-up was a true pitcher's duel.

Hopkins junior starting pitcher Alex Eliopoulos recorded the

fifth win of the year.

For the Bullets, sophomore left-hander Ryan Taylor took the loss to fall to 3-4 on the season despite going nine strong innings and allowing no hits after the first.

Unfortunately for Taylor, his poor first inning was all the run support Eliopoulos needed to earn the victory.

With a single from Neverman, a double from Sikorski and singles by sophomores Ryan Zakszeski and Jeff Lynch, the Jays were able to take a 3-0 lead that held for the rest of Eliopoulos's three hits.

"Alex stepped up and dominated at a time that we really needed him to," Sikorski said. "I was not surprised at all [by the way he pitched]."

Sunday's first victory was led

tively to bring the score to 5-2 Ursinus.

From there, the Jay bats came alive with a thunderous fourth inning where Ursinus's starting pitcher Steve Christakos saw 14 batters.

In that inning, Lynch, sophomore Zach Small, Bejsiuk, senior Anthony Venditti, Musary, Borrelli and Sikorski got on base with Lynch, Small, Bejsiuk and Venditti reaching multiple times. In total the Jays managed eight hits, 10 base runners and nine runs to take the lead for good.

The Bears then managed only two more hits against Hopkins's junior starting pitcher Sam Eagleson who finished with a complete game win as Hopkins ended the game with a convincing 14-5 final.

The second game of the double header in Baltimore was a bit closer in score, but no different in result.

With two runs each in the second, third and seventh innings and a run in the fourth, Hopkins jumped out to a 7-0 lead before the Bears made any noise with a three-run eighth.

Unfortunately for Ursinus, the rally was too little too late as Hopkins's closer Schwartz finished off the victory for graduate student Matt Wiegand with 1.1 scoreless innings.

With his fourth inning homer in the 7-3 win, his sixth of the season, Sikorski moved into second place on the all-time home run list for Hopkins with 32 for his career.

"It's a great feeling [to move up in the record books], but it will

feel even better if I am able to break that record [held by John Christ] and move into first place all-time," Sikorski said.

Bejsiuk, the team's second baseman, went 5-6 in the two games, taking two balls deep over the right field wall as well as adding two doubles.

"Coach Babb put it all in perspective," Bejsiuk said. "He gave us a talk saying if you don't get the job done, he'll go to the next guy, and after that I knew if I got good pitches to hit I'd step up and deliver. I got some good hitting counts and saw the ball real well."

"The Big Dog," as he's known to his teammates, raised his

SEE BASEBALL, PAGE B12



Junior Aaron Borenstein has hit the ball well all season long and has had a keen eye at the plate with 16 walks.

### INSIDE

#### Track and Field: Rain and records fall

The torrential rains at the Hopkins/Loyola Invitational could not stop freshman Tobe Madu from sprinting by his opponents as he was a part of two record setting runs. Page B11

#### Athlete of the Week: Colleen McCaffrey

Junior attackman Colleen McCaffrey scored three goals on three shots, including what would prove to be the game-winner against second-ranked Northwestern. Page B11

#### College Sports: Show me the Money

As the college sports season winds down, Trevor Williams takes an extended look at college athletics and the money spent, gained and who should profit.

Page B10

#### DID YOU KNOW?

The Hopkins vs. Navy men's lacrosse game Saturday night marks the 85th meeting between the two squads with Hopkins winning the series 57-26-1.

#### CALENDAR

THURSDAY  
Baseball vs. Washington 3:30 p.m.  
W. Tennis vs. Gettysburg, 4 p.m.

SATURDAY  
Baseball vs. Muhlenberg, 12:30 p.m.  
W. Lacrosse vs. Penn State, 1 p.m.  
M. Lacrosse vs. Navy, 8 p.m.

## M. Lax overcomes five-goal deficit to take down Maryland

By MIKE PORAMBO  
Staff Writer

Down 7-2 to #4 Maryland at halftime, things looked grim for the #2 Johns Hopkins men's lacrosse team. The offense wasn't scoring goals, the defense hadn't been able to prevent scoring opportunities and the Terps won most face-offs; seven of 11, had more shots, 15-11, more saves, 5-4 and forced more turnovers, 8-5.

That all stopped with 8:22 to play in the third period, as freshman mid-fielder Eric Ruhl ignited an 8-1 run to give the Blue Jays an 11-9 lead with 5:43 to play in the game. Goals by Maryland's Ryan Young and Joe Cummings forced overtime, but senior attackman Kyle Wharton came up big for the Jays, scoring his 18th goal of the season to give Hopkins the victory in the 107th matchup between the Jays and the Terps. The win just might be the all-time best matchup between the two teams.

The Terps looked like the better team in the first half. Cummings scored his first of many goals on the day to give the Terps the early 1-0 lead, and another Maryland goal eight seconds later quickly made it 2-0. Ruhl's sixth goal of the season cut the deficit in half with 5:12 to play in the first quarter, but a goal from Drew Snider gave Maryland a 3-1 lead at the end of the first quarter.

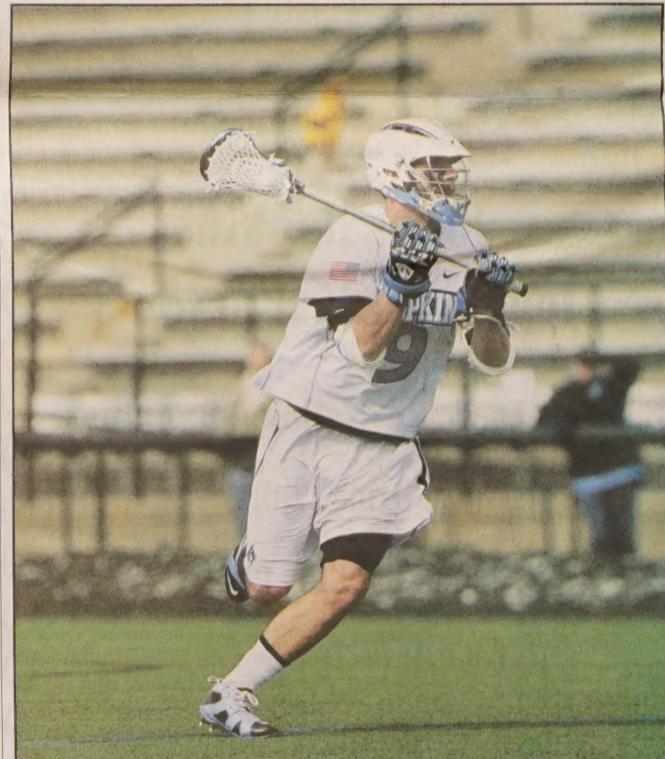
As the rain in College Park came down harder, the Terps began to pile it on. Cummings's second of the day gave Maryland

followed was a thing of beauty. When it rains, it pours, and this time it was the Jays' turn to pour it on as the rainstorm raged. For the next 21 minutes, Hopkins looked like a completely different team.

Ruhl's second of the day made it 8-4. Freshman mid-fielder Phil Castranova found Boland open right next to the net, who turned and shot. 8-5. Boland deflected Amato's pass into the net. 8-6. Sophomore mid-fielder John Greeley found Wharton open on the right. He rocketed a shot past Amato. 8-7. Boland got past defender Max Schmidt and scored. 8-8. The Terps managed to get one past Bassett, retaking the lead 9-8. Palmer fired a stunning behind-the-back shot from six yards out. 9-9.

"Astonishing," said junior mid-fielder Marshall Burkhardt in regards to Palmer's dazzling goal. Subsequently, Burkhardt gave the Jays their first lead, cutting inside and firing a shot past Amato. 10-9. Boland's fifth goal of the day made it 11-9. "We just had to settle down and get on the same page," said Boland.

Things only got more interesting as the game progressed. Down by two with 5:43 to play in the game, Maryland decided to wake up, as Young's only goal of the day and Cummings's fourth made it 11-11 with 2:40 to play. Both teams frantically tried to score throughout the game's final two minutes, but neither was successful and the two teams



FILE PHOTO  
Sophomore mid-fielder John Greeley had an assist in Hopkins' win over Maryland.

a 4-1 lead with 13:41 to play in the second quarter.

A heads-up play by sophomore attackman Zach Palmer made it 4-2 when he intercepted Amato's pass and launched the ball towards the goal from almost 40 yards out, rolling into the net. From here on out though, it was all Maryland. Just over two minutes later, Jake Bernhardt made it 5-2 when he fired a low shot past Jays goalie sophomore Pierce Bassett.

Senior face-off specialist Matt Dolente struggled in the first half, going 4-11 in the first two quarters, and the Terps won the ensuing face-off and scored nine seconds later to make it 6-2. Cummings's third goal ended the scoring in the half and the Jays went into halftime with a five goal deficit.

Throughout the course of the season, the young Jay team has proved that they are capable of making comebacks (vs. Virginia, UNC), but the team had never faced a deficit this large after 30 minutes of play.

After senior attackman Chris Boland and Maryland's Grant Catalino exchanged goals early in the third quarter, the Jays found themselves down 8-3 with 12:00 to play in the third quarter. What

prepared for overtime.

Overtime was, expectedly, wild. Bassett stopped a Bernhardt shot from point-blank range, a shot by Cummings went off the post and a Greeley shot with 1:50 to play sailed wide.

With time running out in the first overtime period, Greeley scooped up an errant Maryland pass around mid-field. The ball eventually made its way to Wharton, who faked a defender, took a step inside and rocketed the ball past Amato, completing the comeback, giving the Jays the 12-11 victory.

The team was nearly speechless in regards to the dramatic and unlikely comeback they pulled off. "Incredible," said senior mid-fielder Mark Godrich. "Absolutely incredible," added fellow senior Mike Maydick.

Boland's five goals led all scorers and other top scorers for the Jays included Wharton (2g, 2a), Palmer (2g, 1a) and Ruhl (2g, 1a). Bassett added eight saves to his impressive total on the season.

The Jays welcome the Midshipmen of the Naval Academy for a Saturday night showdown on April 23rd. Face-off is scheduled for 8:00 p.m.